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62, 51

MALMO'S *New Zinnias*
GIANT DAHLIA FLOWERED

RECEIVED
MARCH 19 1930
SEATTLE



Vegetable Seed Trials
D. N. Shoemaker
MAR 19 1930

MALMO & CO.
TESTED SEED
1930
SEATTLE

MALMO & Co
NURSERY STOCK • SEEDS
SEATTLE

SEPARATE NURSERY STOCK CATALOG -- FREE ON REQUEST



free!

MALMO'S
NEW 1930
Completely Revised
CATALOG
— of —
DEPENDABLE
NURSERY
STOCK

☐ Beautifully illustrated. A complete Planting Guide giving information on what, when and how to plant.

☐ A complete selection of choice Malmo grown nursery stock, including Fruit Trees, Ornamental Evergreens, Flowering Shrubs, Shade and Ornamental Trees, Perennials, Rockery Evergreens and Plants and Roses—offering greater values through quantity production.

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Choice Varieties
SPECIAL OFFER
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FIVE CHOICE Postpaid **\$3.45**
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This special offer comprises five choice varieties, all No. 1 grade, guaranteed true to name.

Frau Karl Druschki. HP.

Magnificent snow-white flowers with deep firm petals. Each75c

Mme. Edouard Herriot. HT.

Coral-red buds opening to large semi-double flowers of very beautiful brilliant orange red and salmon. Each.....75c

Hadley. HT.

A rich, crimson red flower of lovely form and very fragrant. Each.....\$1.00

Lady Hillingdon. T.

Slender pointed buds, fine cup-shaped flowers of deep saffron yellow; fragrant. Each75c

Mrs. Henry Morse. HT.

A very beautiful pink with yellow shading, free blooming. Each.....\$1.00

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Please send me your Nursery Stock Catalog ☐ ☒ Here



This Stamp on Every Package

is your assurance of fresh seeds of the highest purity and germination, of the best strains obtainable in the respective varieties.

We offer only seed that meets rigid tests for 1930, with modern scientific equipment under expert direction, to qualify with our fullest confidence under the MALMO GUARANTEE.

The MALMO GUARANTEE

of Quality and Safe Delivery

We guarantee the purity and vitality of our seeds, bulbs, plants, shrubs and trees to the full amount of the purchase price.

Should any article prove not true-to-name or fail to start growth under proper conditions and care, we will gladly make replacement without charge. Even with the Malmo high standard of excellence, success in gardening or farming is largely dependent on conditions of weather, soil, and cultivation. It is also acknowledged that, in spite of the exercise of scrupulous care, an error can occur, and it is therefore mutually agreed that in no case shall we be liable for more than the purchase price paid to us.

We guarantee safe delivery of goods, not only to the transportation company, but safely to destination. Should any goods become damaged in transit, notify us immediately and we will effect adjustment promptly.

**MALMO & COMPANY,
SEATTLE**

YOUR MAIL CARRIER BRINGS OUR SERVICE TO YOUR DOOR

HOW TO ORDER

ORDER BLANK OPPOSITE PAGE 1

Local Customers—

You may order by telephone. Shopping from your home is facilitated by our telephone order department. It provides you with a quick and efficient method of placing your order which will receive the same careful and prompt attention by our experienced nurserymen and seedsmen as if you were present. Please request our telephone operator to connect you with the department which you require.

Mail Orders—

Fill out order sheet carefully, sending in same as soon as convenient after receiving this catalog. For your convenience, we have prefixed numbers to each variety of Vegetable and Flower Seed. Please order by number where possible. Nursery Stock and Bulbs should have the desired quantity written distinctly in the column provided for that purpose, with price after each item.

Packing and Shipment—

We are especially equipped for packing Nursery Stock and Seeds for long distance shipping. WE MAKE NO CHARGE FOR SEED BAGS OR CONTAINERS unless some "special" packing is required. We have had thirty years experience in handling goods of this class and pack to insure arrival at destination in good condition regardless of distance.

Terms—

Cash with order. Send remittances by Money Order, Draft or Registered Letter.

We exercise the greatest care to furnish seeds, bulbs, plants, shrubs and trees that are pure and reliable. Even with our high standard of excellence, success in gardening or farming is largely dependent on conditions of weather, soil and cultivation. It is also acknowledged that, in spite of the exercise of scrupulous care, an error can occur and it is therefore mutually agreed that in no case shall we be liable for more than the purchase price paid to us. If the purchaser does not accept these goods on above terms, no sale is made thereof and the goods must be returned to us at once and the money will be refunded.

References—The National Bank of Commerce or any bank wholesale house in Seattle.

New Novelties—

A perusal of this new catalog will reveal many items prefixed—NEW. This indicates that the item has exceptional merit in its own class, being a distinct novelty during the last year or two, and which we believe well worthy the attention of every garden lover.

Separate NURSERY CATALOG—free on request!

MALMO PAYS THE POSTAGE

We Deliver Free All Vegetable and Flower Seeds

We pay postage, express or freight charges (at our option) on all Garden Seeds, etc., as follows:

GRASS SEEDS and GRASS MIXTURES, Pages 8-9.

FLOWER SEEDS, Pages 12-43.

VEGETABLE SEEDS, Pages 45-63.

BULBS, Pages 67-71.

BOOKS, Pages 72-73.

If goods that we do not deliver free are wanted by parcel post, add postage at Zone rates to cover cost of mailing—see chart below. If you send too much, we will refund the difference.

Parcel Post

Parcels weighing 8 oz. or less containing seeds, cuttings, bulbs, roots, scions and plants, 1 cent for each 2 oz. or fraction thereof, regardless of distance.

Other parcels of fourth class matter are chargeable according to distance zone as follows:

Domestic Parcel Post Rates			For First Pound Allow	For Each Add'n'l Pound Add
Within the U. S. and Possessions, zones from Seattle, Wash.				
First Zone within	50	miles	\$0.07	\$0.01
Second "	50 to 150	"	.07	.01
Third "	150 to 300	"	.08	.02
Fourth "	300 to 600	"	.08	.04
Fifth "	600 to 1000	"	.09	.06
Sixth "	1000 to 1400	"	.10	.08
Seventh "	1400 to 1800	"	.12	.10
Eighth "	over 1800	"	.13	.12

Packages up to 70 lbs. may be mailed in the 1st and 2nd zone (within 150 miles of Seattle). From 3rd to 8th zone the weight limit is 50 lbs.

The limit of size of a package that will be accepted by parcel post is 84 inches in length and girth combined. Larger packages must be forwarded by express or freight.

Best in Their Class—

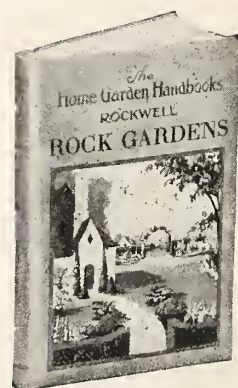
The varieties of flowers and vegetable seed offered on the following pages are the highest developments in their respective classes, and have, by rigid tests—as is required for the Malmo Standard of Excellence, proven their worth to occupy space in this catalog. The varieties are particularly suitable for growing in our Puget Sound region.

NEW GARDEN BOOK DEPARTMENT

A fascinating garden book department is a new feature of interest for garden lovers of the northwest.

So many requests have been received for books on various phases of gardening, that we are now happy to announce a most comprehensive selection of books by authors distinguished in the garden world, and accepted as authorities on their subjects. See pages 72 and 73.

A delightful surprise is their low cost. Here is the opportunity to start your garden library now . . . why not form a Garden-Book-a-Month-Club in the family circle or among your garden friends? Start the Little Nature Library, or a Garden Library for the little folk—it's a wonderful builder of character. As a birthday or anniversary gift a garden book is always appreciated. If you do not see the book that you want, write us, we'll get it for you.



Index on page 96



CHARLES MALMO

Greetings

KEEPING FAITH, in our aim to merit the confidence of our increased patronage appreciative of the true economy of reliable seeds and nursery stock, we are effecting further improvements through additions to personnel and equipment to render the greatest measure of service in furnishing products abreast the latest developments in horticulture.

To the multitude of loyal patrons to whom this service is dedicated, we extend our hearty and sincere greetings.

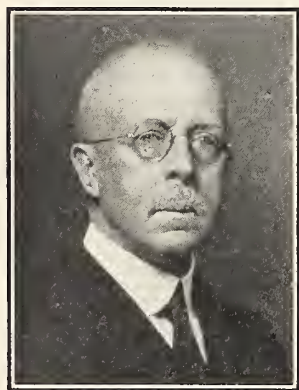
MALMO & COMPANY,

Charles Malmo
President.

INTRODUCING:

MR. P. M. KOSTER

Nursery Production Manager



MR. P. M. KOSTER

P. M. KOSTER, the eminent horticulturist, has become associated with us as nursery production manager, marking a further notable advance in the promotion of our policy of producing the finest strains of the best varieties in a manner to secure to our patrons

service and satisfaction of the highest order.

Mr. Koster was recognized as one of the leading growers in the foremost production center of Holland where he originated many fine varieties including the world renowned Koster's Blue Spruce. After the American embargo against importation, Mr. Koster moved to our Atlantic coast where he soon became a leader in the Eastern nursery trade. He has contributed many fascinating articles to America's largest magazines, and is widely known by garden lovers throughout the country.

In joining our organization Mr. Koster gives expression to his desire to engage in horticulture under the favorable growing conditions of Puget Sound, in a horticultural organization with the facilities and program to furnish to garden lovers the world's best, with production of adequate quantities to assure maximum values.

MR. CECIL SOLLY

Seed Store Manager



MR. CECIL SOLLY

CECIL SOLLY, who recently joined our staff as seed store manager, is especially well qualified to render dependable service to our patrons. For several years Mr. Solly was store manager of one of the largest and oldest seed firms in the United States, prior to which time he served

for over a decade with one of the largest English firms in London. Through his varied experience in growing, inspecting, selecting, testing and marketing seeds, Mr. Solly has acquired a comprehensive knowledge of flower, vegetable, grass, and field seeds, which is now placed at the disposal of all Malmo customers, being available alike to amateur and professional gardeners. We invite inquiries by mail, phone, or call, as a part of our regular service, including information and guidance concerning market gardens, greenhouse produce, farm crops, home gardens and lawns, golf courses, etc.

To guarantee the utmost of protection in meeting the exacting requirements of a discriminating patronage, we have installed the most modern and scientific seed testing equipment, operated under the direction of Mr. Solly and open to the inspection of the public.

SUGGESTIONS for SELECTING FLOWER SEEDS



The natural beauty of the rock garden is admirably suited for use in the rugged terrain of the Northwest

The English or Common names of all these varieties may be found readily by referring to Index on page 95

ROCKERY PLANTS

Perennial	
NAME	PAGE
Abronia	16
Agrostemma	17
Alyssum (Saxatile) ..	17
Anemone	17
Aquilegia Alpine.....	18
Arabis	18
Armeria (Thrift)	19
Aster (Alpine).....	16
Auricula	37
Campanula (Many Varieties)	21
Candytuft	21
Centaurea Candidissima (Dusty Miller)	22
Cerastium	23
Convolvulus Mauritanicus	24
Crucifera	24
Delphinium (Alpine Varieties)	25
Dianthus (Many Varieties)	25
Erinus	26

ROCKERY PLANTS

Annual	
NAME	PAGE
Ageratum	17
Alyssum	17
Anagallis	17
Candytuft	21
Dianthus	25
Godetia	27
Ionopsidum	30
Leptosiphon	31

PLANTS FOR CONSERVATORY

Pot and Window Culture	
NAME	PAGE
Ageratum	17
Asters, Dwarf.....	16
Begonia	19
Browallia	20
Calceolaria	20
Calendula	20
Carnation	22
Chrysanthemum	23
Cineraria	23
Coleus	24
Geranium	27
Heliotrope	29

PLANTS FOR OUTDOOR VASES

Hanging Baskets, Veranda Boxes, Etc.

DROOPING SORTS

NAME	PAGE	NAME	PAGE
Abronia	16	Nasturtium (Trailing)	34
Alyssum	17	Petunia Balcony.....	36
Asparagus Sprengeri ..	19	Smilax	39
Candytuft	21	Thunbergia	40
Lobelia	31	Verbena	41

PLANTS FOR OUTDOOR VASES

UPRIGHT-GROWING

NAME	PAGE	NAME	PAGE
Begonia	19	Geranium	27
Browallia	20	Heliotrope	29
Centaurea, White	32	Marigold	32
Leaved	22	Pansy	35
Coleus	24		

LONG-STEMMED FLOWERS

Notably Suitable for Cutting

NAME	PAGE	NAME	PAGE
Aquilegia	18	Gaillardia	27
Arctotis	18	Gypsophila	28
Aster	15-16	Gladiolus	71
Calliopsis	20	Larkspur	30
Candytuft	21	Lobelia (Hardy).....	31
Carnation	22	Marigold	32
Centaurea Cyanus.....	22	Matricaria	32
Centaurea Imperialis ..	22	Mignonette	33
Chrysanthemum	23	Pentstemon	35
Maximum	23	Poppy	37
Chrysanthemum	23	Salpiglossis	39
Annual	23	Scabiosa	39
Clarkia	23	Snapdragon	18
Coreopsis	24	Stocks	40
Cosmos	24	Sunflower (Cut and Come Again).....	28
Dahlia	25	Sweet Pea	12, 13, 14
Delphinium	25	Sweet Sultan	22
Dianthus	25	Zinnia	43
Dicidus	26		

EVERLASTING OR STRAW

FLOWERS

For Winter Bouquets

ANNUALS		PERENNIALS	
NAME	PAGE	NAME	PAGE
Acroclonium	17	Echinops	26
Gomphrena	28	Eryngium	26
Helichrys	28	Gypsophila	28
Lunaria	31	Physalis	37
Rhodanthe	38	Statice	39
Statice	39	Grasses (Ornamental)	
Xanthereum	42	White or Rose.....	34
Grasses (Ornamental)		Eulalia Japonica.....	34
Briza Maxima	34	Stipa Pennata.....	34
Hordeum Jubatum	34		



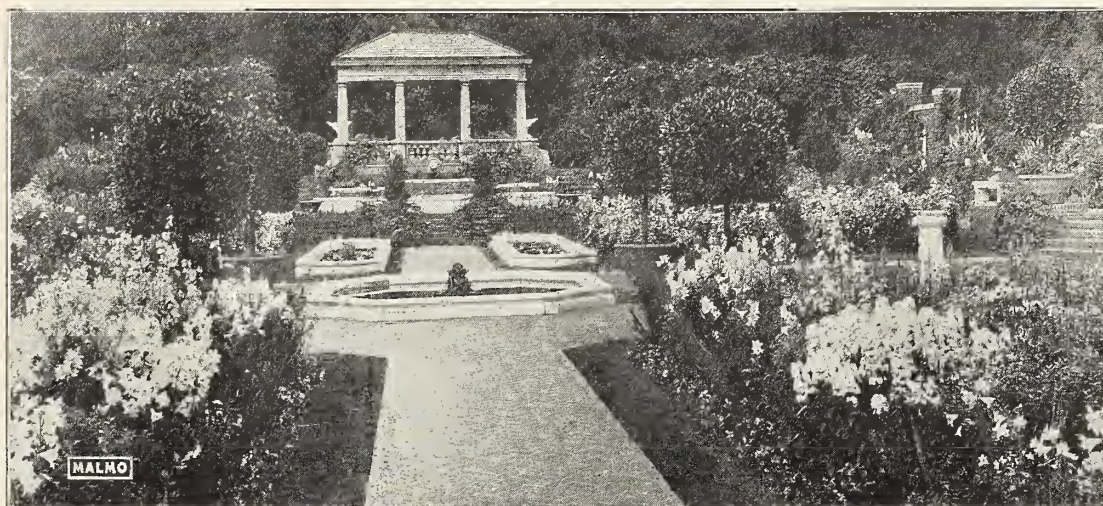
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In Season 1930

This mark of purity and germination is stamped on every package.

Separate Nursery Stock Catalog — FREE ON REQUEST

SUGGESTIONS for SELECTING FLOWER SEEDS



The English or common names of all these varieties may be readily found by referring to index on page 96

SHOWY, FLOWERING ANNUALS For Beds and Massing

NAME	PAGE	NAME	PAGE
African Daisy	18	Kochia	30
Ageratum	17	Lantana	30
Alyssum	17	Lobelia (Compacta)	31
Antirrhinum	18	Marvel of Peru	33
Arctotis	18	Matricaria	32
Asters	15-16	Mignonette	33
Balsam	19	Mimulus	33
Bartonia	19	Myosotis	33
Begonia, Fibrous	19	Nasturtium (Dwarf)	34
Browallia	20	Nemesia	34
Calendula	20	Nigella	34
Calliopsis	20	Oenothera	34
Candytuft	21	Pansy	35
Carnation	22	Pentstemon	35
Celosia	22	Phlox Drummondii	36
Chrysanthemum	23	Poppies	37
Clarkia	23	Portulaca	38
Convolvulus	24	Salvia Splendens	38
Cosmos	24	Scabiosa	39
Dahlias	25	Schizanthus	39
Dianthus (Annuals)	25	Stocks	40
Eschscholtzia	26	Verbenas	41
Gaillardia	27	Vinca	41
Geranium	27	Wallflower	42
Godetia	28	Zinnias	43
Helichrysum	28		
Heliotrope	29		

TALL CLIMBING ANNUALS For Arbors, Verandas, Etc.

NAME	PAGE	NAME	PAGE
Balloon Vine	19	Gourds	28
Canary Bird Vine	21	Hop (Japanese)	30
Cardinal Climber	30	Ipomoea	30
Cobaea	23	Moon Flower	30
Convolvulus	24	Morning Glories	24
Cypress Vine	24	Nasturtium (Tall)	34
Dolichos	26		

HARDY PERENNIAL CLIMBERS For Permanent Situations

NAME	PAGE	NAME	PAGE
Adlumia	17	Clematis	23
Ampelopsis Veitchii	17	Kudzu Vine	38
Aristolochia	18	Lathyrus	30
Bignonia	19		

HARDY FLOWERING PERENNIALS For Permanent Beds and Borders

NAME	PAGE	NAME	PAGE
Anemone	17	Lobelia (Hardy)	31
Antirrhinum	18	Lupin (Perennial)	31
Aquilegia	18	Lychnis	32
Campanula	21	Pansies	35
Canterbury Bells	21	Pentstemon	35
Chrysanthemum	23	Phlox (Hardy)	36
Coreopsis	24	Platycodon	37
Delphinium	25	Poppy (Hardy)	37
Digitalis	25	Primrose (Hardy)	37
Gaillardia	27	Rocket (Sweet)	40
Gypsophila	28	Scabiosa Caucasica	39
Helenium	28	Thalictrum	40
Hibiscus	29	Tritoma	40
Hollyhock	29	Wallflower	42
Lavender	30		

HARDY FLOWERING PERENNIALS DWARF SORTS

NAME	PAGE	NAME	PAGE
Alyssum (Hardy)	17	Linum	31
Anemone	17	Nyosotis	33
Candytuft (Hardy)	21	Platycodon	37
Carnation	22	Polyanthus	37
Cerastium	23	Shasta Daisy	23
Dianthus (Hardy)	25	Sweet William	40
Geum	27	Violas	42
Incarvillea	29		

PLANTS SUCCEEDING IN PARTIAL SHADE

NAME	PAGE	NAME	PAGE
Anemone	17	Meconopsis	32
Aconitum	16	Mimulus	33
Antirrhinum	18	Myosotis	33
Aquilegia	18	Nemophila	34
Auricula	19	Oenothera	34
Bellis (Daisies)	37	Polyanthus	37
Canterbury Bells	21	Poppies (Hardy)	37
Coreopsis	24	Primrose (Hardy)	37
Delphinium	25	Schizanthus	39
Digitalis	25	Trollius	40
Lobelia	31	Violas	42
Matricaria	32	Violets	42

COLORED FOLIAGE PLANTS For Borders and Ribbon Beds

NAME	PAGE	NAME	PAGE
Amaranthus	17	Kochia	30
Canna	21	Marvel of Peru	33
Centaurea Gymnocarpa	22	Pyrethrum Aureum	38
Coleus	24	Ricinus	38

LARGE SHOWY ANNUALS For Backgrounds and Borders

NAME	PAGE	NAME	PAGE
Amaranthus	17	Lupinus	31
Celosia Plumosa	22	Lynchis	32
Centaurea	22	Marigold	32
Cleome	23	Nicotiana	34
Cosmos	24	Poppies (Tall)	37
Euphorbia	27	Ricinus	38
Hibiscus	29	Salpiglossis	38
Hollyhock	29	Salvia	38
Larkspur (Branching)	30	Sunflower	29
Lavatera	30	Zinnias	43

PLANTS SUITABLE FOR EDGINGS

NAME	PAGE	NAME	PAGE
Ageratum (Dwarf)	17	Lobelia Compacta	31
Anagallis	17	Marigold (Dwarf)	32
Asters (Dwarf)	16	Petunia	36
Alyssum Compacta	17	Phlox Annual	36
Begonia	19	Pinks	25
Bellis	19	Portulaca	38
Centaurea Candidissima	22	Pyrethrum Aureum	38
Limnanthus	31	Sanvitalia	38
		Zinnia, Lilliput	43

FRAGRANT FLOWERS

NAME	PAGE	NAME	PAGE
Alyssum	17	Mignonette	33
Auricula	37	Nicotiana Affinis	34
Candytuft	21	Polyanthus	37
Carnations	22	Scabiosa	39
Clematis Paniculata	23	Stock	40
Cleome	23	Sweet Pea	12, 13, 14
Dianthus (Hardy)	25	Sweet Rocket	40
Geranium	29	Sweet Sultan	22
Heliotrope	29	Sweet William	40
Lavender	30	Violet	42
Lantana	30	Wallflower	42
Matthiola	31		



TESTED-TO GROW In Season 1930

This mark of purity and germination is stamped on every package.

MALMO PAYS THE POSTAGE



4 Special Collections of Annual Flower Seeds!

Malmo's CUT FLOWER Collection

No. 3801 16 packets, Special \$1.00

Aster	Gypsophila
Calliopsis	Nasturtium
Calendula	Phlox
Centaurea	Poppy
Cyanus	Scabious
Clarkia	Stock
Carnation	Sweet Sultan
Larkspur	Zinnia
Eschscholtzia	

Sixteen of the best long-stemmed annuals for growing in the home garden. This collection will provide you with a succession of flowers from June until frost to brighten and beautify the home.

Malmo's GARDEN GAY Collection

No. 3831 16 packets, Special \$1.00

Aster	Pansy
Alyssum	Petunia
Antirrhinum	Phlox
Candytuft	Poppy
Dianthus	Salpiglossis
Marigold	Salvia
Mignonette	Sunflower
Nasturtium	Zinnia

A balanced assortment of well known flowery annuals for producing a blaze of color throughout the summer. With an addition of bulbs such as Gladiolus, Dahlia and Canna, an effective display is achieved.

Malmo's CLIMBING ANNUAL Collection

No. 3841 14 packets, Special \$1.00

Balloon Vine	Ipomoea
Canary Bird Vine	Japanese Hop
Cardinal Climber	Moonflower
Coboea Scandens	Morning Glory
Cypress Vine	Nasturtium
Dolichos	Scarlet Runner Bean
Gourds	Sweet Pea

Easily grown, hardy annuals used for quickly covering porches, pergolas, and fences. Some perennial climbers should be planted at the same time to insure a green covering during the winter.

EVERLASTING or STRAW FLOWERS

No. 3861 9 packets, Special 75c

Acroclinium	Statice
Gomphrena	Xantherum
Helichrysum	Grasses (Ornamental)
Lunaria	Briza Maxima
Rhodanthe	Hordeum Jubatum

Beautiful and ornamental dried flowers for the house during the winter. Grow your own bouquets to send to friends for Christmas.



4 Choice Collections of Perennial Flower Seeds!

Malmo's PERPETUAL GARDEN Collection

No. 3821 16 packets, Special \$1.00

Aquilegia	Lupin (Per.)
Alyssum Saxatile	Myosotis
Campanula Pyramidalis	Poppy
Coreopsis	Pyrethrum Hyb.
Delphinium	Shasta Daisy
Digitalis	Stokesia
Gaillardia	Sweet William
Hollyhock	Tritoma

Perennials for permanence. Among the most interesting plants in the garden, presenting a variety of form and color for all garden purposes. This collection is arranged to give a succession of flowers throughout the whole season. Seed should be planted in July or August for best results.

Malmo's ROCK GARDEN Collection

No. 3811 16 packets, Special \$1.00

Abronia	Gypsophila Repens
Alyssum Saxatile	Heuchera
Arabis	Myosotis
Armeria	Pinks (Dianthus)
Aubretia	Saxifrage
Campanula	Sedum
Candytuft (Per.)	Tunica
Crucinella	Viola

Easy-to-grow varieties to be planted in July or August, although some of the varieties will flower the first season if seed is planted in the early spring. Other varieties of annuals and perennials offered on page 4. *For Rockery PLANTS see Nursery Stock Catalog!*

EVERLASTING or STRAW FLOWERS

No. 3871 9 packets, Special 75c

Echinops	Grasses (Ornamental)
Eryngium	Pampas Grass, White
Gypsophila	Pampas Grass, Rose
Physalis	Eulalia Japonica
Statice	Stipa Pennata

Long stemmed varieties which are used as "Straw Flowers" and are of exceptional value in the perennial border and herbaceous beds. The grasses may be used in table decorations with flowers throughout the year.

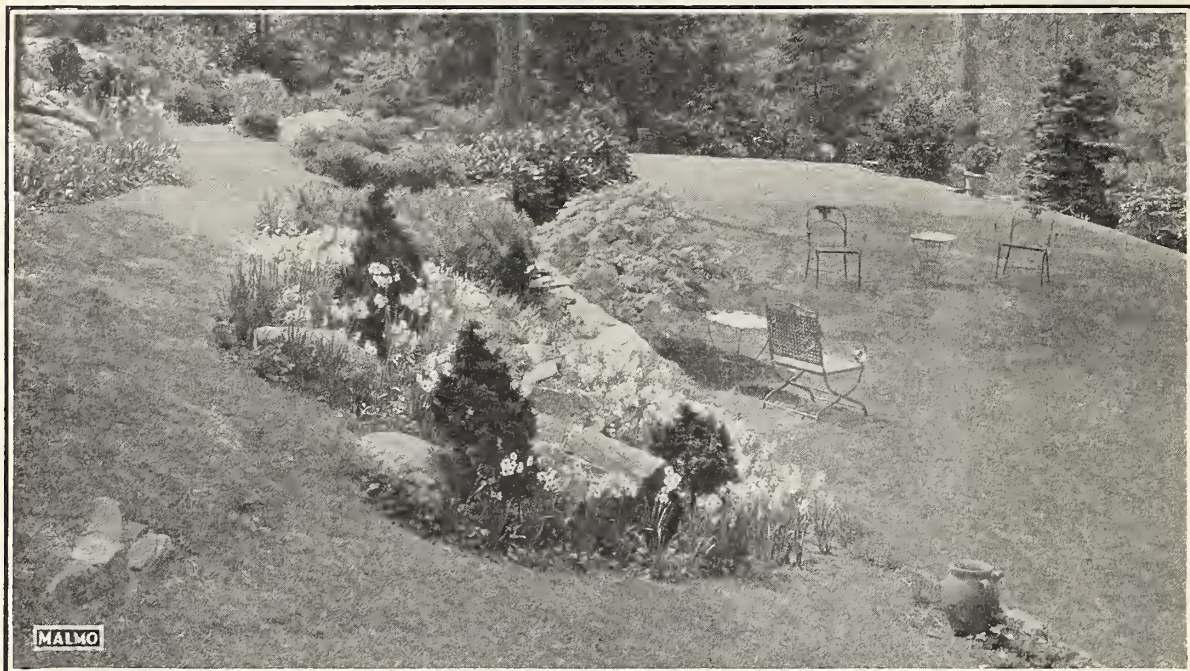
Malmo's CLIMBING PERENNIAL Collection

No. 3851 7 packets, Special 50c

Adlumia	Bignonia
Ampelopsis	Clematis
Aristolochia	Kudzu Vine
Lathyrus Sylvestris	

Permanent climbers, which will cover thoroughly any kind of fence, wall, or porch. If the whole collection is used in one place a succession of brilliant flowers may be obtained throughout the whole of the season.

MALMO'S LAWN GRASS SEEDS



THE PERFECT LAWN

may be produced the first season with Malmo's Special Mixtures of Grass Seeds

WASHELLI LAWN GRASS

Reg. U. S. Patent Office

THE IDEAL MIXTURE *for* PUGET SOUND

This is the grass that is used exclusively at Washelli Cemetery and has produced all of their beautiful lawns. It is a scientifically arranged combination of fine leaved dwarf grasses, which are at their best during different months of the year, thus keeping the lawn constantly covered with enduring green. Only the very highest grade of clean seed is used. It makes a rich, velvety, dark green turf that, when properly cared for, improves with age and stands almost any amount of wear. It starts quickly and makes a good lawn the first season. Sow 1 lb. to every 150 square feet.

MALMO'S WASHELLI LAWN GRASS.....1 lb. 65c; 10 lbs. \$6.25; 100 lbs. \$60.00

EVERGREEN LAWN GRASS

A special blend of deep rooted, fast growing, turf forming grasses, somewhat stronger and larger bladed than Washelli. It starts quickly and grows well, even on poor soil, and for those who require a quickly made, permanent lawn at a minimum price, this mixture is the best. Sow 1 lb. to 150 sq. ft.

MALMO'S EVERGREEN LAWN GRASS

1 lb. 35c; 10 lbs. \$3.45; 100 lbs. \$34.00

SHADY LAWN GRASS

It is sometimes difficult to obtain a good lawn under trees or in other shady places. This mixture is a combination of fine dwarf growing evergreen varieties of grasses, which are naturally adapted to shaded and sheltered spots. Ground that is densely shaded by trees is frequently "sour," and if drainage is defective it is apt to be covered with coarse grasses or moss. A dressing of lime applied at the rate of about 1 lb. to each 10 sq. ft. is an excellent corrective and sweetener, and should be applied 2 weeks before seeding. The moss should be raked off before the dressing is applied. Sow 1 lb. to each sq. ft. is an excellent corrective and sweetener.

MALMO'S SHADY LAWN GRASS.

1 lb. \$1.00; 10 lbs. \$9.50; 100 lbs. \$90.00

BENT GRASS MIXTURE

For Velvety Lawns

This mixture is a blend of the best imported Creeping Bent and other fine, acid tolerant grasses, which produce lawns of a beautiful velvety green color, unsurpassed for fine homes, and especially adapted to climate and conditions prevailing around Puget Sound. It is a mixture, which, if used with Malmo's Acid Fertilizer will build a lasting turf free from weeds.

MALMO'S BENT GRASS MIXTURE.

1 lb. \$1.25; 10 lbs. \$11.50

WHITE CLOVER *for* LAWNS

White Clover is often used, planted with grass seed, especially where a fill in to prevent washing out by rains is desired. We do not put White Clover seed into any of our various blends of grasses, but those who prefer a small amount in their lawns we advise to buy it *separately* and sow it apart from the grass seed to insure even distribution.

DWARF WHITE CLOVER—a very low growing variety for lawns.

1/4 lb. 25c; 1/2 lb. 40c; 1 lb. 75c; 5 lbs. \$3.50; 10 lbs. \$6.75

GRASS SEEDS for the GOLF COURSE

EXTREME PURITY NECESSARY.—A club annually spends a large sum for the purpose of removing weeds from greens, tees, and, in some cases, fairways. The seeds from which these weeds spring may be already in the soil, and they further may be washed onto the green, blown onto the green, and deposited there by birds or other agencies. It is obviously unwise to add to these weeds, which ordinarily find their way onto a golf course, by sowing more weed seeds—in other words, by sowing seeds which could, by dint of a little more care and trouble, be made freer of weed seeds. No golf club need ever sow seeds which have not been cleaned and re-cleaned to the highest point of perfection. Such seeds cost a few cents per pound more than commercial stocks, but such a slight extra charge is offset again and again by the saving in the club's labor bill for weeding. Further, you will invariably get more seeds of the kind you want in a pound of seed that has been thoroughly re-cleaned than you will from seeds that have not been so thoroughly purified, because, along with the weed seeds, empty husks and other materials are withdrawn by the cleaning. Very often the highest-priced seed is really cheaper (by actual count of seeds) than the lower-priced seed.

SPECIAL PUTTING GREEN MIXTURE

Putting Greens sown with a properly blended mixture of grasses are in most cases far superior to those on which only one variety was sown. They come into play quicker after seeding; they present a more attractive appearance from early spring to late fall; and due to the fact that the roots draw their nourishment from various depths in the soil, a more resistant and durable turf is formed. This mixture is composed of Seaside Bent and various other varieties of Bents and Fescues blended in the correct proportions.

MALMO'S SPECIAL PUTTING GREEN MIXTURE

1 lb. \$1.00; 10 lbs. \$9.50; 100 lbs. \$90.00



GOLF LINKS MIXTURE FOR FAIRWAYS

On most Golf Courses the Fairways receive far less attention than the Putting Greens; it is therefore important that a mixture of grass seeds be sown that will produce a fine, well knit, elastic turf, requiring a minimum amount of attention. The importance of good Fairways cannot be overestimated, for walking on a springy turf that is pleasing to the eye, is one of the added attractions to the game.

MALMO'S GOLF LINKS MIXTURE

1 lb. 60c; 10 lbs. \$5.50; 100 lbs. \$50.00

NAMED VARIETIES OF GRASSES FOR TURF

These grasses are used in making our special blends and mixtures, and are of exceptionally high germination and purity.

AGROSTIS VARIETIES—

Per Lb.

BENT, RHODE ISLAND (<i>Agrostis Tenuis</i>)	1.75
BENT, COLONIAL (<i>Agrostis Tenuis</i>)	1.75
BENT, COCOOS (<i>Agrostis Maritima</i>). Sold in sealed bags only, 5lb., 10 lb., 50 lb.	2.50
BENT, CREEPING (<i>Agrostis Species</i>)	1.75
BENT, SEASIDE (<i>Agrostis Maritima</i>)	1.50
RED TOP, FANCY (<i>Agrostis Palustris</i>) .....	.40
RED TOP, UNHULLED (<i>Agrostis Palustris</i>) .....	.30

FESCUE VARIETIES—

CHEWINGS, N. Z. (<i>Festuca Chewings</i>) .....	.65
RED or CREEPING (<i>Festuca Rubra</i>) .....	.60
SHEEPS (<i>Festuca Ovina</i>) .....	.50
HARD (<i>Festuca Duriuscula</i>) .....	.50

POA VARIETIES—

Per Lb.

BLUE GRASS, CANADA (<i>Poa Compressa</i>) .....	.45
BLUE GRASS, KENTUCKY (<i>Poa Pratensis</i>) Fancy ..	.45
BLUE GRASS, KENTUCKY (<i>Poa Pratensis</i>) Special ..	.55
ROUGH STALKED MEADOW (<i>Poa Trivialis</i>) .....	.90
WOOD MEADOW (<i>Poa Nemoralis</i>)	1.00

LOLIUM VARIETIES—

RYE GRASS, PERENNIAL, PACEY'S (<i>Lolium Perenne Pacey's</i>) .....	.25
RYE GRASS, PERENNIAL (<i>Lolium Perenne</i>) .....	.20
RYE GRASS, ITALIAN (<i>Lolium Italicum</i>)15

Crested Dogtail—

(<i>Cynosurus Cristatus</i>)	1.00
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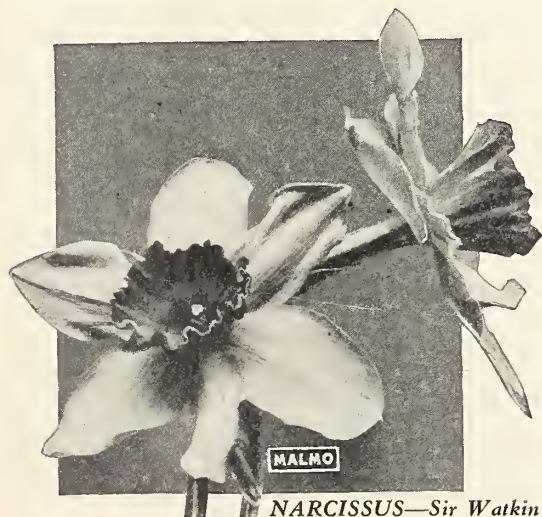
Select Holland Bulbs

FOR FALL PLANTING

Unrivalled for Color Brilliancy

Enliven your garden with these colorful, fragrant blooms. Tulips, Hyacinths, Crocus, Scilla and many others. Also Malmo's superb Washington grown Daffodils and Narcissus.

Fall Bulb Catalog Ready About October 1st!



NARCISSUS—Sir Watkin

MALMO'S LAWN GRASS SEEDS (*Continued*)

HOW TO MAKE A HANDSOME, VELVETY LAWN

The best time to make a new lawn is in the early fall or early spring. We would suggest planting seed in this section either during August and September or during the spring.

The method of procedure to procure lasting results is divided into six easy steps, as follows:

1. **PREPARATION.** Dig the soil about 6 inches deep—if rain has fallen recently, allow a few days of fine weather before commencing work. As you dig, lift each clod high enough to enable you to turn it completely over. Strike the inverted clod with back of fork to break it. As work proceeds, remove all stones, rubbish, roots, etc.

2. **FERTILIZING.** Scatter Malmo's Lawn Fertil-gro, at the rate of 1 lb. to each 15 square feet, evenly over the rough surface.

3. **PREPARATION OF SEED BED.** Draw a rake back and forth until the soil is smooth and in fine condition, and the fertilizer has been worked in below the surface as much as possible. It is essential that the surface should be perfectly level by this time.

4. **SEED.** About two weeks after the application of the fertilizer, the seed may be sown. Before actually applying the seed, the surface should be raked down lightly to just loosen the surface of the ground. Choose a day when no wind is blowing, and evenly apply the seed at the rate of 1 lb. to each 150 square feet. It is advisable to sow across as well as up and down the plot (using half quantity of seed for each sowing) to insure exact evenness of seeding.

5. **COVER.** The seed, to insure quick and even growth, must be covered, but should be only just below the surface. It can be covered by *lightly raking*, or by scattering soil in quantity to only just cover it.

6. **ROLL.** After the seed has been satisfactorily covered, the ground should be rolled lightly—a 300-pound roller is sufficient—to bind the soil and seed tightly together, to enable the seed to absorb all the moisture possible from the ground. This insures quick and even germination. **NOTE**—If the ground is clayey or very damp, it should not be rolled, but just gently patted down with the flat of a spade.

MAINTENANCE

While the seed is germinating and the grass is young care should be used, especially during dry weather, that the ground be kept moist. It should never be allowed to dry out, but cannot be soaked, so it is necessary to watch it very closely and sprinkle whenever necessary, sometimes as often as three times a day.

Commence cutting as soon as the grass is long enough, and cut often. This will both thicken the grass and make it finer. We advise that clippings should be removed, but they may be left on, provided they are no more than one inch in length. Grass needs fertilizing more than most plants for the simple reason that the more it tries to grow, the more it is cut back. Remember that while a lawn is kept well fertilized and well watered, weeds are very unlikely to be able to creep in. We also advise, to keep the soil sweet, that an application of Lime at the rate of 1 lb. to each 15 square feet should be made every late fall. This application not only checks any possibility of the soil becoming sour, but encourages the growth of the grass plants.

SPECIAL NOTE — FERTILIZING

We particularly emphasize to our customers that the fertilizing of lawns is quite a simple thing once the rudiments of the process are understood, BUT, grasses do not all *need*, or thrive on, the same fertilizers. Roughly divided into two classes, fertilizers are Acid or Non-acid. The Acid fertilizers are used with the main purpose of creating a soil condition, in which it is a practical impossibility for weeds of any kind to thrive. In this soil are planted grasses known as Acid

If you have an established lawn, it should be fertilized at least once and probably twice a year. To use the wrong fertilizers is just waste of money and labor, and to apply them too heavily will do a great deal of damage. Two small applications (Spring and Fall) are much to be preferred to one heavy dressing.

Our "LAWN SERVICE" DEPARTMENT is at your service at all times, and will be pleased to give practical advice on receipt of your letter of inquiry. When writing, please give us all particulars possible that may be of assistance, such as, soil, subsoil aspect, drainage, etc.

Tolerant Varieties. They are the families of Bent and Fescue. None of the other varieties of grass will succeed to any extent in an Acid soil. It would therefore be folly for anyone to plant them after preparing an Acid Soil and expect satisfactory results. For the Bent Grass Mixture, Putting Green Mixture and all varieties of Bent and Fescue, use Malmo's ACID LAWN FERTIL-GRO. For all other mixtures and named grasses use MALMO'S LAWN FERTIL-GRO. These fertilizers are listed on Pages 76-77.

Key to Cultural Directions for Flower Seeds

Below are grouped the various planting directions for flowers. The Key letters are given after every item in the flower seed list. Should any of our customers wish to have fuller and more explicit directions on the culture of any special plant, an inquiry addressed to FLOWER SEED DEPARTMENT will receive instant attention.

KEY
Para.

A HARDY ANNUALS

Seed should be sown liberally in rows or broadcast in position where the plants are to ultimately remain. Plant west of Cascades about April-May.

AA Same as above, but plant in February-March.

B HALF-HARDY ANNUALS

Seed should be planted in a seed bed which is not exposed, and the plants transferred to the positions in which they are required to remain. Plant seed west of Cascades April-May.

C HALF-HARDY ANNUALS

Seed should be planted in boxes or pots, indoors or in a frame or greenhouse in February or March, and the young plants transferred to the open when they are large enough, and the weather is mild. (May).

D HALF-HARDY ANNUALS

Seed should be planted in boxes, pans, or pots, indoors or in a frame or greenhouse in March. Young plants, when showing fourth leaf should be pricked off into boxes or flats. The flats should be kept under cover until the warmer weather sets in, and then the plants set out where required.

E BIENNIALS USED AS ANNUALS

Seed should be planted in boxes, pans, or pots, indoors or in a frame or greenhouse in March. Young plants, when showing fourth leaf should be pricked off into boxes or flats. The flats should be kept under cover until the warmer weather sets in, and then the plants set out where required.

F BIENNIALS

Seed should be planted in open in August-September. Young plants are strong enough to stand over winter. The plant flowers the following summer (and then dies).

KEY
Para.

G HALF-HARDY BIENNIALS

Seed should be planted in boxes or pans indoors in August, and the young plants, when large enough, (about October 1) should be set out in the open to winter over. Plant flowers the next summer (and then dies).

H HARDY PERENNIALS

This group can either be planted in February to flower first season, or in July-August to flower the following summer. Seed should be sown in boxes under cover, and plants set out when big enough.

K HARDY PERENNIALS

This group can only be planted in August in boxes under cover, and transplanted about October 1. They flower the next summer.

L HALF-HARDY PERENNIALS

Plant in early spring, and transplant as soon as weather is good. Flowers first season.

M PERENNIALS

This group is chiefly grown in greenhouse. Seeds which are very tender must be soaked for 24 hours before planting. Can be grown at any time of the year.

N HARDY PERENNIALS

This group is composed of perennials which flower from 4-6 months from planting seed. Seed should be sown in boxes under cover in early spring and plants set out as soon as weather permits.

O TENDER PERENNIALS

Plant seeds in prepared soil in greenhouse. These varieties are practically always used as greenhouse, and cannot be grown in the open with safety.

P HALF-HARDY PERENNIALS

Hardy Perennial which needs seeds to be started in heat.

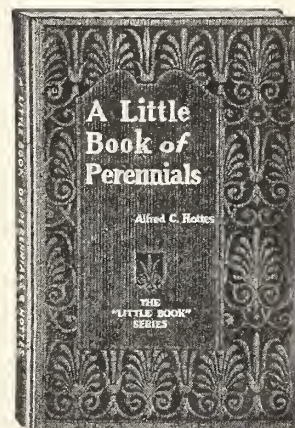
A CHARMING TYPE OF PERENNIAL GARDEN



The growing popularity of Perennial and Rock Gardens has led people to search for the beautiful but different. The picture at left is an indication of the possibilities of blending three types—Rock Plant, Perennial Plants and Spring Flowering Bulbs. This beautiful combination gives abundance of color and flowers throughout the entire year, and needs but a small amount of attention.

The "LITTLE BOOK" Series

is most handy to have in the house for reference. There are many questions that can be answered every day if you have a good book handy. Other good volumes are "1001 Questions Answered," "Garden Guide," "Milady's House Plants." A complete list of books with descriptions may be found on pages 72-73.



MALMO PAYS THE POSTAGE



GIANT SPENCER SWEET PEAS

STANDARD ORCHID FLOWERED VARIETIES

BLUE VARIETIES—

- 4146. COMMANDER GODSALL. Beautiful violet blue.
- 4212. HEAVENLY BLUE. Purple delphinium blue.
- 4226. JACK CORNWALL. Large, navy blue.
- 4258. MRS. TOM JONES. Large, bright blue.
- 4287. WEDGEWOOD. Silvery blue.

PURPLE AND MAROON VARIETIES—

- 4235. KING MANOEL. Dark maroon.
- 4276. ROYAL PURPLE. Rich, royal purple. Non-fading.
- 4283. THE SULTAN. Glossy, black maroon.

LAVENDER VARIETIES—

- 4113. ASTA OHN. Rosy lavender.
- 4117. AUSTIN FREDERICK IMP. Pure lavender.
- 4265. POWERSCOURT. Large, bright lavender.

RED VARIETIES—

- 4142. CHARITY. Rich crimson.
- 4155. CRIMSON KING. Deep, ox blood crimson.
- 4182. FIERY CROSS. Rich, fiery red, wings cherry orange.
- 4185. GEORGE HERBERT. Bright carmine.
- 4234. KING EDWARD SPENCER. Rich crimson scarlet.
- 4284. 2. L. O. Glowing scarlet.

SALMON AND ORANGE VARIETIES—

- 4125. BARBARA. Bright salmon rose.
- 4172. DEL MONTE. Salmon cerise pink.
- 4189. GLORIOSA. Brilliant orange scarlet.
- 4206. HAWLMARK SALMON PINK. Rose pink, flushed deep salmon.
- 4252. MISS CALIFORNIA. Salmon pink.
- 4274. ROBERT SYDENHAM. Brilliant salmon.
- 4282. TANGERINE IMP. Salmon orange.

PINK VARIETIES—

- 4167. DAISYBUD. Blush pink and old rose.
- 4179. ELFRIDA PEARSON. Blush pink.
- 4203. HAWLMARK PINK. Deep rose pink.
- 4216. HEBE. Rich, rosy pink.
- 4242. MARGARET ATLEE. Rosy, salmon buff.
- 4245. MARY PICKFORD. Dainty cream-pink, suffused salmon.

CREAM AND YELLOW VARIETIES—

- 4163. DAFFODIL. Deep primrose.
- 4176. DOBBIE'S CREAM. Best cream Spencer.
- 4247. MATCHLESS. Clear cream.
- 4289. WHAT JOY. Primrose-yellow, shading to cream.
- 4222. IVORY PICTURE. Rich, old ivory tint.

WHITE VARIETIES—

- 4148. CONSTANCE HINTON. Large, pure white.
- 4237. KING WHITE. Glistening white.

VARIEGATED AND PICOTEE VARIETIES—

- 4108. AMERICA SPENCER. Red striped on white.
- 4229. JEAN IRELAND. Cream ground, edged rose.
- 4256. MRS. CUTHBERTSON. Bi-color, rose pink, white wings.
- 4296. YOUTH. White edged soft rose pink.

PRICE of all the above NAMED SORTS — Pkt. (40-50 seeds) 10c — 1 oz. (300-400 seeds) 30c

Mixture

4300. MALMO'S MIXED SPENCER SWEET PEAS—

This is made up from standard varieties named Spencers, properly blended, and is an ideal combination for those who want a variety of color.....Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.25 (Postpaid)

MALMO'S FAMOUS GIANT SPENCER SWEET PEAS COLLECTION (Collection No. 4301)

15 TEN CENT \$1.00 PACKAGES

15 beautiful and distinct kinds selected from the above varieties to give a gorgeous display of color—for cultural instructions see page 13.

COLLECTION. No. 4302—15 One Ounce packets \$3.00

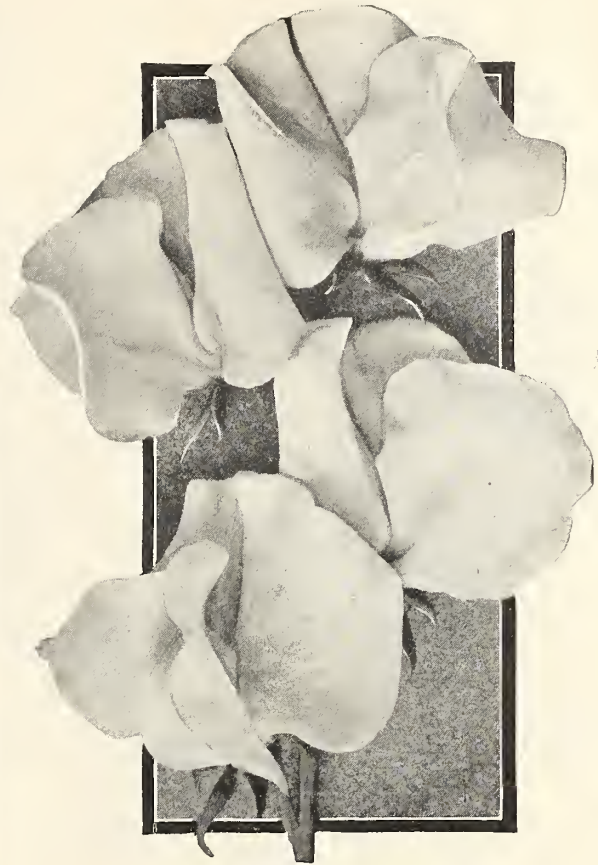
GIANT SPENCER SWEET PEAS New Varieties

NOVELTIES FOR 1930

- 4104. ALL BRIGHT—**
NEW This is an exceedingly brilliant flower of intense scarlet cerise, with an orange suffusion which heightens the color to a fiery scarlet. The stems have great length and sprays usually bear four flowers of great substancePkt. 25c
- 4133. BLUE FLAME—**
NEW The largest dark blue in existence. The standards are a little deeper in color than the wings. Four well placed flowers to the stem is most common. This variety is featured for its sweet perfume which equals the old grandiflora varieties.....Pkt. 25c
- 4232. KITTY PIERCE—(Duplex)—**
NEW Quite a new shade of soft, light lilac, suffused with bluish pink. Duplexed or double standards....Pkt. 25c
- 4253. MISS DELIGHT—(Duplex)—**
NEW Magnificent double Sweet Pea having beautifully waved petals. There is a duplexing of both standard and wings, giving the appearance of a true double form. The color is best described as a warm light salmon pink on cream ground with a decided amber suffusionPkt. 25c
- 4272. REFLECTION—**
NEW An introduction which will be quite an innovation to those who do not know how beautiful a blue Sweet Pea can be. The flowers, well placed in fours are bold, nicely waved, of large size and clear deep bluePkt. 25c
- 4293. WINNIE MORSE—(Duplex)—**
NEW The flowers are mostly duplexed and delightfully frilled, giving the blossoms a fine light, wavy effect in spite of their large size. The color is cream ground, lightly flushed, soft rose pink. Duplexed or double standardsPkt. 25c
- 4101. COLLECTION.** 1 pkt. each of above 6 novelties for 1930. \$1.00.

NOVELTIES FOR 1929

- 4217. HERO—**
NEW The color is a brilliant clear cerise; in sunshine or artificial light it appears to be suffused richly with salmon. The flowers are large, nicely waved, and well placed on strong stems.....Pkt. 15c; 1 oz. 75c
- 4262. PINKIE—**
NEW A beautiful, deep rose pink of immense size, vigorous growth and a profuse and continuous bloomer. Fine for exhibitionPkt. 15c; 1 oz. 75c
- 4267. PRINCE OF ORANGE—**
NEW The color is a startling luminous flame, deeper, richer and more brilliant orange than any other variety of this class. Large flowers beautifully waved, well placed on good stems.....Pkt. 15c; 1 oz. 75c
- 4279. SUNKIST—**
NEW A magnificent, large, beautiful picotee cream-edged rose. Large, bold flowers most beautifully waved, carried on long stout stems.....Pkt. 15c; 1 oz. 75c
- 4201. COLLECTION.** 1 pkt. each of above 4 novelties for 1929. 50c.



NEW SWEET PEAS

Sweet Pea evolution is constantly producing additions to the glorified race of "Spencer." Now comes the remarkable DUPLEX or Doubling of standards and wings, giving an added beauty to this already gorgeous flower. The three Duplex varieties listed on this page are all of excellent habit, and when properly grown, produce luxuriant plants with long sturdy stems invariably carrying 4 perfect flowers.

Growers are producing so many kinds that are alike in almost every particular that we have selected for our list only the best of each particular color or type. Should any of our customers require them, we are pleased at all times to procure any particular variety not listed here.

CULTURE of SWEET PEAS

CULTURE. Sweet Peas require good soil and plenty of water. On Puget Sound they may be planted in October, for early spring flowering. Most seasons they come through without any protection, but a few inches of straw placed on the row will insure sufficient protection against the frosts usually experienced here. Plant in the Spring as early as the ground can be worked.

The best method of planting is to dig a trench 12 to 18 inches deep. If the soil is not good, remove the poor soil and replace with a good quality, using plenty of fertilizer, which should be well mixed with the soil, filling up the trench to within three or four inches of the top. On top of this mixture of soil and fertilizer, place about one inch of good mellow soil without any manure or fertilizer in it, on which to sow the seed. Cover the seed one-half to one inch with soil, a half inch being preferable. The trench should always be kept open an inch or two from the top in order that water used will lead to the plants. Sweet Peas require more moisture than most other plants, and whenever it is necessary to water them, soak them thoroughly. When the seeds are well up, thin them out and when grown to one or two inches, fill in some more soil around them.

When the Peas are in bloom they should, unless grown for seed, be cut every day. If this is done they will produce better blooms on longer stems and blossom profusely all through the season. One ounce will plant a 10 to 15 foot row.

The 10 Finest Sweet Peas Known are listed above — 1 pkt. of each of the 10, postpaid, \$1.50

SWEET PEAS

EARLY FLOWERING SPENCER

NEW VARIETIES

NOVELTY FOR 1930



4056. **MRS. HERBERT HOOVER—(THE CALIFORNIA BLUE)**
NEW This variety is a very bright and clear blue, and will be appreciated by all growers for its great length of stem and vigorous growth. Awarded Gold Medal, Pennsylvania Horticultural SocietyPkt. 25c
4012. **BRIGHT LIGHT—**
NEW A flaming self-scarlet which is absolutely sun-proofPkt. 20c
4072. **SPRING SONG—**
NEW The color is a rich bright rose pink flushed salmon. The flowers are well frilled and carried on naturally long stemsPkt. 20c
4079. **WHITE HARMONY—**
NEW Flowers are large and pure paper white of grand substance. Considered the best of its class by many commercial growers.Pkt. 20c
4001. **COLLECTION.** 1 pkt. each of above 4 novelties. 75c.

CUPID SWEET PEAS

These dwarf or bedding Sweet Peas form a line of bright green foliage about six inches high and a foot wide which is covered with blossoms from June to fall.

4250. **CUPID MIXTURE**Pkt. 10c; 1 oz. 30c

Malmo's New Giant EARLY FLOWERING SPENCER SWEET PEAS

A new race of Sweet Peas having the large waved flowers of the Spencer type, but flowering fully one month earlier. The plants are of strong constitution, vigorous growth and bloom continuously for about four months if grown under congenial conditions. They are especially recommended for spring planting East of the Cascades, where, to obtain satisfactory results, quickness in maturity is a necessity.

It is predicted by Sweet Pea authorities that this race will, in a very short time, supplant all other early and late flowering Sweet Peas for winter flowering under glass.

This type is only recommended for extra early flowers out of doors in the Puget Sound section. The later types give much greater satisfaction for general use. See pages 12-13.

NAMED VARIETIES—

4006. **AVIATOR.** Brilliant crimson.
 4009. **BLUE BIRD.** A pure blue.
 4019. **EARLY HERCULES.** Rose pink.
 4025. **GIANT ROSE.** Brilliant rose.
 4029. **HARMONY.** Lavender.
 4032. **HEATHER BELL.** Lavender-mauve.
 4042. **MEADOW LARK.** Deep rich cream.
 4046. **MISS SPOKANE.** Cerise, with scarlet wings.
 4059. **MRS. KERR.** Salmon.
 4068. **SNOWSTORM.** Pure white.
 4084. **YARRAWA.** Bright rose, with cream base.
 4094. **ZVOLANEK'S ROSE.** Rich rose pink.

Price of Above Named Varieties, Pkt. 15c; 1 oz. 50c.

4100. **EARLY FLOWERING MIXTURE.**

Pkt. 10c; 1 oz. 35c

Many Win Prizes with Malmo Tested Seeds—

Among the winners at every garden show are many users of Malmo's Tested Seeds. These exhibitors know from many years of growing flowers and vegetables, that Malmo's Tested Seeds are highly dependable for producing PRIZE WINNERS—as is attested by the unsolicited letter at the right.

A Letter from a Sweepstake Winner—

Port Gamble, Wash.,
 Sept. 18, 1929.

MALMO & COMPANY,
 Seattle, Wash.
 Gentlemen:

The sweepstake cup I won was on the best basket of annuals. This basket was Mary Pickford sweet peas, also one other color, cut with very long stems. These sweet peas were from your seed.

The asters I took first prize on were from your plants. This surely speaks well for your stock.

Also the Columbia Rose I bought from you last year was the best rose in the show, and the Madame Butterfly took second. This year I bought Rose Marie from you and I have one rose on a stem which is 27 inches long.

Needless to say I am pleased with your stock.

Sincerely,
 (SIGNED) Mrs. Harold Todhunter.

MALMO'S FLOWER SEEDS

Abbreviation—An., Annual; Per., Perennial; Bi., Biennial

ASTER

While Asters are one of the oldest and best known classes of flowers, it is only of late years that they have been brought to their present perfection. This Queen of Autumn flowers, with its wide range of brilliant shades and types, comes just at the time when required to relieve the prevailing yellow of late summer and fall flowers. The climate of the Pacific Coast, especially that of our State West of the Cascades, is admirably adapted to growing these, but it should be remembered that here we do not have very hot summers and that the plants should be started indoors early in March in order to be ready for transplanting into the garden for summer flowers as they require a long growing season. Many of the newer varieties of late introduction do not only resemble, but equal the well known greenhouse chrysanthemums both in size and beauty, with a wide range in the most varied and pleasing colors. The varieties listed below embrace all the different types, from the large and compact to the fluffy and loose kinds; while attention is called to the many additions to the ranks of single and semi-double varieties, Asters may be advantageously employed wherever flowers are wanted. in informal beds or ribbon borders, in large masses as a foreground to shrubberies or even sown or planted in prepared places among the grass in a wild garden.

CULTURAL DIRECTIONS—See Para. D, Page 11. Height $2\frac{1}{2}$ -3 feet.

MALMO'S CALIFORNIA GIANT—

This type of recent introduction combines the Oregon Giant style of flower with the long branching stems and sturdy habit of Giant Crego, a distinct advancement which brings this variety to the head of its class. Its flowers often measure five inches in diameter with petals that are whorled and curled like giant chrysanthemums.

- | | |
|-------------------|---------------------|
| 1232. Dark Purple | 1234. Light Blue |
| 1233. Deep Rose | 1235. Peach Blossom |
| 1236. White. | |

Each of the above, Pkt. 20c; 1000 seeds \$1.00.

1240. Mixed Colors. Pkt. 20c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c; $\frac{1}{2}$ oz. \$1.50.

1241. COLLECTION....1 pkt. ea. of above 5 colors, 75c

ASTERMUM—

This variety is a highly developed American type of the German Comet or Ostrich Plume and is far superior to those imported strains. The flowers are of immense size, 4-5 inches across, composed of long, wavy, twisted petals gracefully formed into loose, yet densely double half globes equalling in appearance the giant chrysanthemums.

- | | |
|----------------|------------|
| 1222. Lavender | 1233. Pink |
| 1244. White. | |

Each of the above, Pkt. 10c; 1000 seeds 50c.

1231. COLLECTION....1 pkt. ea. of above 3 colors, 25c

CREGO GIANT—

The flowers are of immense size and borne on long branching stems 12 inches or more in length. The petals are most attractively curled and twisted.

- | | |
|-----------------|------------------|
| 1252. Crimson | 1255. Purple |
| 1253. Deep Rose | 1256. Shell Pink |
| 1254. Lavender | 1257. White |

Each of the above, Pkt. 10c; 1000 seeds 50c.

1256. Mixed Colors.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 75c

1260. COLLECTION. 1 Pkt. each of above 6 colors, 40c



ASTER—Malmo's New California Giant

OREGON GIANT—

Immense fluffy flowers of same beauty and style as Asterum and Crego Giant, but not quite so early.

- | | |
|------------------|------------------|
| 1322. White | 1224. Light Blue |
| 1323. Shell Pink | 1225. Purple |

Each of the above, Pkt. 20c; 1000 seeds \$1.00.

1331. COLLECTION. 1 Pkt. each of above 4 colors, 60c

GIANT BRANCHING—

A beautiful variety for cut flowers. The branching habit is accompanied by great vigor of growth and profusion of bloom. The flowers are very large, extremely double, borne on long, stiff stems and colors clean and handsome.

- | | |
|------------------|------------------|
| 1272. Azure Blue | 1275. Purple |
| 1273. Crimson | 1276. Rose Pink |
| 1274. Lavender | 1277. Shell Pink |
| 1278. White | |

Each of the above, Pkt. 10c; 1000 seeds 50c.

1280. Mixed Colors.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 75c

1281. COLLECTION. 1 Pkt. each of above 7 colors, 50c

SENSATION—

Large full double flowers of most brilliant crimson, on long, well leaved stems. The plants are sturdy growers of branching bush habit about 18 inches high.

1335.....Pkt. 15c; 1000 seeds 50c

HEART OF FRANCE—

Beautiful deep ruby red flowers of medium size and perfect formation. Plants about 2 feet high of branching habit.

1285.....Pkt. 15c; 1000 seeds 50c

The Word NEW is prefixed to many desirable and attractive novelties to bring them to the attention of Garden Lovers looking for something new and different.

ASTER [CONTINUED]

QUEEN OF THE MARKET—Very Early—

A compact type with round flowers of medium size borne on long stems branching near the ground. Valuable for bedding, but this is an extra early variety and should not be used in preference to the larger later varieties and only when *earliness* is necessary as the flowers are not large and the plants do not last up till frost.

- | | |
|------------------|------------------|
| 1372. Dark Blue | 1375. Light Blue |
| 1373. Flesh Pink | 1376. Purple |
| 1374. Lavender | 1377. Rose Pink |
| 1378. Scarlet | |

Each of the above, Pkt. 10c; 1000 seeds 50c.

1380. Mixed Colors.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 75c

1381. COLLECTION. 1 Pkt. each of above 7 colors, 50c

KING—(Quilled)—

An American type of distinctive beauty, unlike any other Aster grown. The plants are tall and strong with long stems crowned with massive double flowers 5 inches across, composed of long narrow straight petals folded lengthwise which gives them a quilled appearance. The flowers are of great substance and last longer than any other variety.

- | | |
|---------------------|--------------|
| 1302. Blackish Blue | 1304. Rose |
| 1303. Peach Blossom | 1305. Violet |
| 1306. White | |

Each of the above, Pkt. 10c; 1000 seeds 50c.

1310. Mixed Colors

Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. 90c

1311. COLLECTION. 1 Pkt. each of above 5 colors, 30c

SUNSHINE—(Anemone Flowered)—

A new semi-double American variety of striking gracefulness. The quilled golden centers are surrounded by a ruff of small florets which make this variety very distinctive. The plant is of branching habit, but stems long and quite erect, for which reason this variety is invaluable for cut flowers.

- | | |
|-------------|-------------|
| 1352. Blue | 1354. Pink |
| 1353. Lilac | 1355. White |

Each of the above, Pkt. 20c; 1000 seeds \$1.00.

1360. Mixed Colors

Pkt. 20c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c; $\frac{1}{2}$ oz. \$1.50

1361. COLLECTION. 1 Pkt. each of above 4 colors, 60c



ASTER—Heart of France



ASTER—Queen of the Market

AURORA—

New. This variety is quite an innovation and different from any other offered. The center of the flower is bright yellow with an outer circle of petals of delicate blue, forming a very striking contrast. Flowers of medium size. Plants about 2 feet and of branching habit.

1215..... Pkt. 25c

SINGLE GIANT—(or CHINA)—

A liking for single flowers has created a demand for long stemmed China Asters which are of unsurpassed decorative effect when cut and vased.

1337. General Joffre—Crimson scarlet with yellow disc. Pkt. 15c; 1000 seeds 50c

1340. Malmo's Superb Mixture. Pkt. 10c; 1000 seeds 40c; 1 oz. \$1.25

PERENNIAL ASTERS

CULTURAL DIRECTIONS—See Para. H, Page 10. Height 4 feet.

1201. MICHAELMAS DAISY—Single, Fall blooming, hardy, with bright beautiful flowers; if sown early will bloom first year.....Pkt. 10c; 1000 seeds 50c

1204. ALPINUS DARK BEAUTY—Deep blue. For rockeries. Height 1 foot.....Pkt. 25c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ABRONIA—(Sand Verbena)—(An)—

A rapid growing trailer with numerous clusters of rosy lilac flowers. Suitable for baskets, rockeries, or open borders. Delights in a light soil and warm situation.

CULTURAL DIRECTIONS—See Para. B, Page 11. Height 8 in.

1003. UMBELLATAPkt. 10c

ACONITUM—(Monkshood)—(Per)—

Hardy plant, with showy panicles of helmet-shaped flowers; does well in shady places.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3-4 ft.

1004. NAPELLUS, BluePkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ACROCLINIUM—(Everlasting)—(An)—

Beautiful border plants, with pink and white flowers; which, when cut and dried, will last all winter.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 12 in.
1006. SINGLE MIXEDPkt. 10c

ADLUMIA—(Mountain Fringe or Allegheny Vine)—(Bi)—

CULTURAL DIRECTIONS—See Para. F, Page 11. Height 10-15 ft.
1012. CIRRHOSA, MixedPkt. 15c

ADONIS AESTIVALIS—(Pheasant's Eye)—(An)

Attractive deep crimson flowers and feathery foliage. Early blooming.

CULTURAL DIRECTIONS—See Para. AA, Page 11. Height 1 ft.
1015Pkt. 10c

ADONIS VERNALIS—(Per)—

Finely cut foliage, bright daisy like, yellow flowers, blooming early.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 1 ft.
1017Pkt. 10c

AGERATUM—(An)—

Hardy, bushy plants with dense clusters of feathery flowers. Blooms all summer.

CULTURAL DIRECTIONS—See Para. D, Page 11. Height 10-18 in.

1022. BLUE PERFECTION, Large heads of Amethyst-blue flowersPkt. 10c; 1000 seeds 25c

1024. BLUE STAR. A tiny and compact variety, only New 4 to 5 inches high, densely covered with bright blue flowersPkt. 15c; 1000 seeds 40c

ALYSSUM—(An)—

A fragrant, hardy annual, used for bedding and borders, bearing spikes of small white flowers in great profusion throughout the summer and autumn.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 6 in.

1038. SNOW CARPET. This new variety is pure white New and grows only 2 to 3 inches high. It flowers profusely, making a perfect carpet of flowers through the seasonPkt. 10c; 1/2 oz. 50c

1034. LILAC QUEEN. This is a pleasing shade of lavender. The plants are as compact and free flowering as "Snow Carpet"Pkt. 10c; 1/2 oz. 50c

1035. LITTLE GEM. A dwarf free-flowering variety. Pkt. 10c; 1/2 oz. 40c

1036. MARITIMUM. White flower. Trailing. Pkt. 10c; 1/2 oz. 40c

1037. PROCUMBENS. Dwarf and compact variety. Pkt. 10c; 1/2 oz. 40c

ALYSSUM—(Per)—

A yellow-flowered perennial variety, which is used extensively for borders and rock gardens.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 6 in.

1039. SAXATILE COMPACTA.....Pkt. 10c; 1/2 oz. 50c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



ANEMONE—St. Brigid



ALYSSUM—Used as a Rose Garden Border

AGROSTEMMA—(Per)—

Foliage silvery white, blossoms crimson, resembling single pinks.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2 ft.

1032. CORONARIAPkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

AMARANTHUS—(An)—

Brilliant foliage plants bearing curious racemes of flowers with leaves of varied colors.

CULTURAL DIRECTIONS—See Para. C, Page 11. Height 2 1/2-3 ft.

1042. CAUDATUS (Love Lies Bleeding) Drooping deep redPkt. 10c; oz. 50c

1043. TRICOLOR (Joseph's Coat) Red, yellow, and greenPkt. 10c; oz. 50c

AMPELOPSIS VEITCHI—(Per)—

A well known very hardy climber.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 20 ft.

1047. TRICUSPIDATA (Boston Ivy or Japan Ivy). Pkt. 10c

For Plants of above to bloom this year see Vines Section Nursery Catalog.

ANAGALLIS—(Pimpernel)—(An)—

Rich, showy flowers, admirably adapted for sunny positions. Free flowering.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 6 in.

1057. GRANDIFLORA BluePkt. 10c

1058. GRANDIFLORA Orange RedPkt. 10c

ANCHUSA—(Per)—

Bright blue flowers on long stems. Usually used for herbaceous borders.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2-3 ft.

1052. ITALICA (Dropmore var.)Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ANEMONE—(Wind Flower)—(Per)—

Grown from seed, does not usually bloom until second year.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 9-12 in.

1062. ST. BRIGID.....Pkt. 15c; 1000 seeds 50c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ANEMONE—(The Pasque Flower)—(Per)—

A singularly beautiful species, with violet flowers, the whole plant being covered with dense silky hairs. It thrives best in a dry situation on a calcareous soil. Blooms in April, and forms handsome tufts either in the border or rocky.

1064. PULSATILLAPkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



ANTIRRHINUM — (Snapdragon)

ANTIRRHINUM— (Snapdragon)—

One of the finest flowers for cutting or bedding, bearing long gorgeously colored spikes of bloom. Their continuous-blooming qualities, ease of culture, and pure, bright colors, entitle them to a permanent place in all gardens.

CULTURAL DIRECTIONS—See Para. E, Page 11. Height varies 1½-4 ft.

INTERMEDIATE LARGE FLOWERING—

About 18 inches high, form compact bushes covered with spikes of large flowers well adapted for beds, yet long enough for cutting.

- 1118. FIREBRAND. Bright scarlet
- 1112. GLORIA. Deep rose pink
- 1113. GOLDEN QUEEN. Yellow
- 1114. MONT BLANC. White
- 1115. PRIMA DONNA. Terra-cotta pink on yellow
- 1116. SILVER PINK. Pearly pink.
- 1120. MIXED COLORS.

Price of the above. Pkt. 10c; 1000 seeds 50c.

- 1121. COLLECTION.....1 pkt. each of above 7 colors, 50c

MAJESTIC or IMPROVED INTERMEDIATE—

New A great improvement over the varieties listed above. Individual spikes are very handsome. Plants compact, free-blooming.

- 1122. DAZZLER. Bright scarlet
- 1123. ORANGE KING. Brilliant orange
- 1124. PEERLESS PINK. Cameo pink
- 1125. SNOWSTORM. Pure white
- 1126. SUNSET. Terra-cotta
- 1127. TWILIGHT. Delicate apricot.

Price of the above. Pkt. 25c.

- 1131. COLLECTION.....1 pkt. each of above 6 colors, \$1.00

MAXIMUM—(Tall Giant Flowered)—

This type, when it becomes better known, will, undoubtedly, supercede all the other tall types now being grown. It is, indeed, "maximum", both in size of spike and brilliancy of color.

- 1142. APPLEBLOSSOM. Rosy pink, yellow lip
- 1143. BUNCH OF LILAC. Lilac purple.
- 1144. CANARY BIRD. Canary yellow, golden yellow center
- 1145. COPPER KING. Velvety copper scarlet
- 1146. OLD GOLD. Golden orange, old rose throat
- 1147. SNOWFLAKE. Pure white, yellow tube.
- 1148. THE ROSE. Rich rose pink.

Price of the above, Pkt. 15c; 1000 seeds 75c.

- 1151. COLLECTION. 1 pkt ea. of above 7 colors 75c

TALL LARGE FLOWERED—

¾ feet high, used extensively for cut flowers. The flower-stems are long and closely set with large flowers. They keep well in water.

- 1132. BRILLIANT ROSE. Rose pink
- 1133. CARDINAL. Brilliant scarlet
- 1134. GOLDEN KING. Giant yellow
- 1135. HARMONY. Terra-cotta orange, shaded rose
- 1136. OTHELLO. Dark maroon
- 1137. ROSE QUEEN. Soft pink
- 1138. WHITE. Clear white
- 1140. MIXED COLORS.

Price of the above, Pkt. 10c; 1000 seeds 50c.

- 1141. COLLECTION. 1 pkt. ea. of above 7 colors 50c

AQUILEGIA—(Columbine)—(Per)—

Hardy perennials, growing from one to three feet, flowering in May and June. For planting in permanent border or naturalizing they are unsurpassed.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height varies.

NEW LONG SPURRED VARIETIES.

- 1164. BLUE SHADES. Long spurred, blue hybrids in many shades of this color.

Pkt. 15c; 1000 seeds 75c

- 1168. PINK SHADES. Hybrids containing many beautiful shades of pink.....Pkt. 15c; 1000 seeds 75c

- 1166. JAETSCHAU. Large, yellow flowers with long peach-red spurs.....Pkt. 15c; 1000 seeds 75c

- 1169. LONG SPURRED AMERICAN HYBRIDS. The flower stems, often 40 inches in height, carry magnificent clusters of immense long-spurred single flowers lasting a long time. The colors include rich shades as well as new and delicate tints.

The long-spurred flowers are not only brilliantly effective on the plant, but equally desirable when cut for vase and house decoration.

Pkt. 15c; 1000 seeds 75c

- 1170. SINGLE MIXED. Large, flowering mixed colors.....Pkt. 10c; 1000 seeds 50c

- 1172. ALPINA. A small, blue-flowered variety usually used for rockeries. Height about 1½ feet.

Pkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ANTHEMIS—(Hardy Marguerite)—(Per)—

Bears daisy-like golden yellow blossoms all summer. Fine for cutting.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2 ft.

- 1066 Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ARABIS—(Rockcress)—(Per)—

Dwarf edging or rockery perennial, covered with small white flowers very early in spring. Foliage silvery green all summer.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 6 in.

- 1072. ALPINA Pkt 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ARCTOTIS—(African Daisy)—(An)—

White with pale blue eye. Reverse of petals silvery blue.

CULTURAL DIRECTIONS—See Para. C, Page 11. Height 18 in.

- 1076. GRANDIS Pkt. 10c

ARISTOLOCHIA—(Dutchman's Pipe Vine)—

(Per)—

Luxuriant, hardy climber, large leaves, making dense shade; flowers yellow and brown, mottled and curiously shaped.

CULTURAL DIRECTIONS—See Para K, Page 11. Height 15-20 ft.

- 1177. SIPHO Pkt. 10c

For PLANTS of above to bloom this year see Vine Section Nursery Catalog

ARMERIA—(Thrift or Sea Pink)—(Per)—

Useful for banks, borders, edging and for rockeries. Flowers rose pink.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 6 in.

1082. MARITIMA Pkt. 15c
For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ASPARAGUS—(Per)—

Ornamental fronds used for decorative purposes.

CULTURAL DIRECTIONS—See Para. M, Page 11.

1092. PLUMOSUS NANUS. A dwarf variety, height 1 ft., very delicate and feathery.

Pkt. 15c; 100 seeds 75c

1093. SPRENGERI (Emerald Feather). Feather-leaved with drooping branches. Principally used for hanging baskets Pkt. 10c; 100 seeds 50c

AUBRIETIA—(Per)—

Showy perennial for rock work and edgings, covered with masses of small flowers. Hardy.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4-6 in.

1102. BOUGAINVILLEI. Very compact dark blue.

Pkt. 15c

1103. LEICHTILINI. Large flowered, deep rosy-carmine.

Pkt. 15c

1105. GRAECA DWARF. Light blue.....Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

BALLOON VINE—(Love-in-a-puff)—(An)—

A rapid-growing summer climber, with small white flowers, followed by inflated seed pods, resembling small balloons.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 10-12 ft.

1402 Pkt. 10c; 1 oz. 50c

BALSAM—(Lady's Slipper)—(An)—

Wax-like flowers growing close to the stem and resembling Japanese Camellias.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

1407. DOUBLE CAMELLIA FLOWERED. Mixed colors Pkt. 10c; 1/2 oz. 50c

BARTONIA—(An)—

Very bright golden flowers from July to September. Fine for cutting.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1 ft.

1414. AUREA Pkt. 10c

BEET, ORNAMENTAL—(An)—

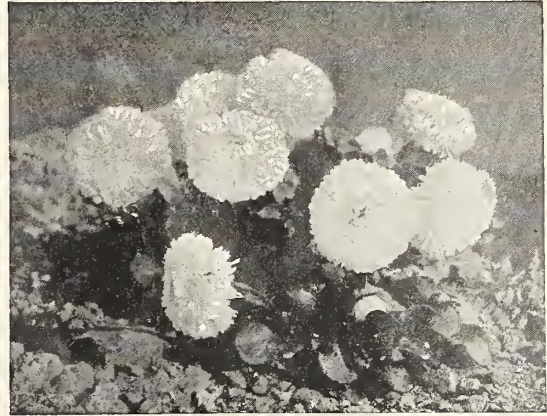
Used largely massed for bedding.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

1413. CHILIAN Scarlet and yellow....Pkt. 10c; 1 oz. 25c



AUBRIETIA



BELLIS PERENNIS (Double Daisy)

BEGONIA—(Bedding varieties)—

The varieties listed are unsurpassed for bedding plants. Thriving equally well in partially shaded or sunny locations, flowering profusely through summer and fall—beds or edgings of these Begonias being a sheet of color continuously. As pot plants for winter flowering they are also superb; easily grown from seed. Actually a perennial but for outdoor culture, is treated as an annual.

CULTURAL DIRECTIONS—See Para. D, Page 11. Height 1 ft.

1417. GRACILIS LUMINOSA. Scarlet.....Pkt. 20c

1418. GRACILIS PRIMA DONNA. Rosy carmine Pkt. 20c

1419. SEMPERFLORENS. Salmon Queen.....Pkt. 20c

1420. SEMPERFLORENS. Mixed colors.....Pkt. 15c

BELLIS PERENNIS—(Double Daisy)—(Per)—

A delightful plant for edgings. Blooms from early summer to late fall. If sown early will bloom the same year. Very dwarf, usually not more than four inches. "Monstrosa" has flowers at least twice the size of the other varieties.

CULTURAL DIRECTIONS—See Para. P, Page 11. Height 3-6 in.

1422. PINK Pkt. 10c

1423. WHITE Pkt. 10c

1425. MIXED Pkt. 10c; 1000 seeds 50c

1427. MONSTROSA. Pink Pkt. 15c

1428. MONSTROSA. White Pkt. 15c

1429. MONSTROSA. Red Pkt. 15c

1430. MONSTROSA. Mixed....Pkt. 15c; 1000 seeds 75c

1426. MONSTROSA TUBULOSA RED. Large bright New red quilled petals. A distinctive novelty. Pkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

BETONICA—(Wood Betony)—(Per)—

A hardy perennial which is much used in herbaceous borders and for massing.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 1 ft.

1433. GRANDIFLORA. Red flowers.....Pkt. 15c

BIGNONIA—(Trumpet Creeper)—(Per)—

The hardy Trumpet Vine; clusters of large orange-red flowers; picturesquely effective on arbors, etc. Nothing can exceed the beauty of Bignonia when trained over low shrubs.

CULTURAL DIRECTIONS—See Para. P, Page 11. Height 40-50 ft.

1434. RADICANS Pkt. 10c

For PLANTS of above to bloom this year see Vine Section Nursery Catalog

BOCCONIA—(Plume Poppy)—(Per)—

Hardy perennial, for single specimens or groups, bears spikes 2 to 3 feet long of cream-colored flowers.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 5 ft.

1435. CORDATA Pkt. 10c



CALLIOPSIS—Dazzler

BOLTONIA—(Per)—

Showy daisy-like flowers produced in countless numbers from June until October.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4 ft.

1438. ASTEROIDES. White....Pkt. 10c; 1000 seeds 50c

1439. LATISQUAMA. Pink....Pkt. 10c; 1000 seeds 50c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

BRACHYCOME—(Swan River Daisy)—(An)—

A dwarf plant covered most of the summer with a mass of small daisy-like flowers. The Rose Star has slightly broader petals than the other colors.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 10-12 in.

1442. BLUE STAR Pkt. 10c

1443. RED STAR Pkt. 10c

1444. ROSE STAR Pkt. 10c

1445. SNOW STAR Pkt. 10c

1450. MIXED COLORS.....Pkt. 10c; 1000 seeds 50c

BROWALLIA—(Amethyst)—(An)—

Free flowering, dwarf plants, covered with blue and white wing shaped flowers during summer and autumn.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1½ ft.

1452. ELATA. Mixed colors Pkt. 10c

CALCEOLARIA—(An)—

Sac, or slipper shaped flowers, very effective for bedding, pots or window boxes. They are hard to start from seed and as a rule the amateur will do well to buy plants already started which we offer for sale in May and June.

CULTURAL DIRECTIONS—See Para D, Page 11. Height 15 in.

1466. CALIFORNICA. The very small, yellow flowered variety of compact habit which is used only for bedding purposesPkt. 10c

1467. HYBRIDS MIXED. Large flowers shading from white to yellow and often spotted or blotched with red or brown. This variety is used for conservatory growing and should never be planted out of doors Pkt. 25c

CALLIOPSIS—(An)—

Very showy plants covered with bright flowers ranging through yellow, crimson and maroon. Stands well as a cut flower.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1½-2 ft.

1485. DAZZLER. We can strongly recommend this New new variety for summer bedding and massing. It grows about 12 inches high, and is of good compact habit. The flowers, which are about twice the size of other varieties of Calliopsis, completely cover the plant and display a rich maroon red center, with broad golden yellow border, forming a splendid sheet of color which attracts the eye from a considerable distancePkt. 25c

1487. NEW HYBRIDS. A distinct innovation. Semi-New double flowers, rich maroon, edged with gold Pkt. 15c

1482. BLOOD RED. Reddish-maroon.....Pkt. 10c

1483. CROWN OF GOLD. Golden, with dark eye. Pkt. 10c

1484. GOLDEN WAVE DRUMMONDI. Golden yellow with red-brown ring.....Pkt. 10c

1490. DWARF MIXED.....Pkt. 10c; ¼ oz. 25c

CACALIA—(Tassel Flower)—(An)—

A neat annual, of easy culture, with bright red, tassel-shaped flowers; blooms from June to September; fine for borders.

CULTURAL DIRECTIONS—See Para. B, Page 11. Height 15 in.

1462. COCCINEA. Scarlet Pkt. 10c

CALENDULA—(Scotch Marigold)—(An)—

This is one of the best and showiest, free-flowering, hardy annuals, growing in any good garden soil, and producing a fine effect in beds or mixed borders.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

1472. CAMPFIRE. Brilliant orange. Especially good

New for forcing Pkt. 25c

1473. LEMON KING. Bright lemon Pkt. 10c; ¼ oz. 25c

1474. METEOR. Yellow, striped orange. Pkt. 10c; ¼ oz. 25c

1475. ORANGE KING. Golden orange Pkt. 10c; ¼ oz. 25c

1480. DOUBLE MIXED.....Pkt. 10c; ¼ oz. 25c



CALENDULA

CAMPANULA

(Per) They are delightfully graceful subjects for borders and beds, and can be grown with the greatest ease in all gardens. A place should be found in every rock garden for one or more of the dwarf kinds.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height varies.

BARBATA (Alpine Bell Flower). Large greyish-blue bells on twelve-inch stems. Especially suitable for rock gardens.

1494 Pkt. 15c

CARPATICA (Hare Bell). Bell-shaped flowers, very free-blooming. Suitable for rockeries.

1492. BLUE Pkt. 10c

1493. WHITE Pkt. 10c

GARGANICA. A trailing species, and a gem for the rock garden. Blue, purple, and white flowers.

1495 Pkt. 15c

GLOMERATA. Favorite old-fashioned herbaceous plant; deep blue flowers in large close heads. Height, 18 inches.

1496 Pkt. 15c

PERSICIFOLIA (Peach Bells). Remarkably handsome, hardy perennials, throwing up spikes 2 to 3 feet high; clothed during summer with large, bell-shaped blossoms of blue or white.

1497. MIXED COLORS Pkt. 15c

PYRAMIDALIS (Chimney Bell Flower). Produces spikes 4 to 5 feet high, encircled about half of their length with large bell-shaped flowers of white or shades of blue.

1498. BLUE Pkt. 10c

1499. WHITE Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

CANTERBURY BELLS—

MEDIA—SINGLE VARIETIES—

1502. BluePkt. 10c 1504. Striped ..Pkt. 10c

1503. RosePkt. 10c 1505. White ..Pkt. 10c

1510. Mixed colors...Pkt. 10c

CALYCANTHEMA—CUP AND SAUCER VARIETIES

1512. BluePkt. 10c 1515. RosePkt. 10c

1513. Carmine Pkt. 10c 1516. Striped ..Pkt. 10c

1514. LilacPkt. 10c 1517. White ..Pkt. 10c

1520. Mixed colors...Pkt. 10c

1521. COLLECTION of above 10 pkts.

(6 Cup and Saucer and 4 Single)..... 75c

MEDIA—DOUBLE VARIETIES

1530. Mixed colorsPkt. 10c

1531. COLLECTION (1 pkt. each of Mixed Colors, Single, Double, and Cup and Saucer)..... 25c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



CAMPANULA — (Canterbury Bell)



CAMPANULA—for Rockery

CANARY BIRD VINE—(Tropaeolum Canariense) —(An)—

A beautiful climber with small, curiously shaped canary colored blossoms and attractive palmate leaves.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 15 ft.

1533 Pkt. 10c; 1 oz. 50c

CANDYTUFT—(Iberis)—(Per)—

Dwarf plants, with evergreen foliage which is completely hidden by dense heads of flowers in spring.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 8-12 in.

1537. SEMPERVIRENS. WhitePkt. 15c

1536. GIBALTARICA. White, shaded to lilac Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

CANDYTUFT—(Iberis)—(An)—

Showy, branching plants, bearing clusters of single flowers in many colors. Indispensable for cutting and effective in beds, or rockeries.

CULTURAL DIRECTIONS—See Para. A or C, Page 11. Height 10-15 in.

UMBELLATA (Dwarf) Height 10 inches.

1542. CARMINE Pkt. 10c

1543. LILAC Pkt. 10c

1544. PURPLE Pkt. 10c

1545. ROSE CARDINAL Pkt. 10c

1550. MIXED Pkt. 10c; 1/2 oz. 25c

1546. WHITE ROCKET (Height 12 in.).....Pkt. 10c

CORONARIA. Height 15 inches.

1539. GIANT HYACINTH FLOWERED WHITE.

A grand variety producing enormous spikes of bloom, resembling a white Hyacinth. These spikes often measure 7 inches long by 2 1/4 inches in diameter.....Pkt. 10c; 1/2 oz. 50c

CANNA—(Indian Shot)—(Per)—

Suitable for bedding and backgrounds. Red and yellow flowers with ornamental leaves.

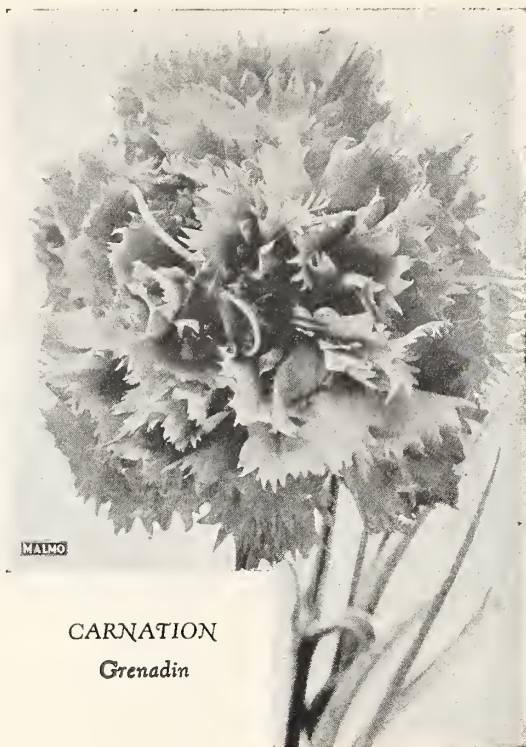
CULTURAL DIRECTIONS—See Para. H, Page 11. Height 3-4 ft.

1552. CROZY'S HYBRIDS MIXED..Pkt. 10c; 1 oz. 50c

Dormant roots for spring planting to flower same year, page 67.

— A USEFUL BOOK —

ROCK GARDENS, by F. F. Rockwell. Shows just how you can build a rock garden yourself, on a small or large scale and at little expense. Describes the types of rock gardens, tells what soils, climates, and locations are best, how to construct, and what to plant for the effect you want. 31 illustrations, 86 pages. See p. 73. Postpaid \$1.00



CARNATION
Grenadin

CARNATION—(Per)—

MARGUERITE. Plants are of dwarf, compact habit. The seedlings bloom in four months and continue flowering throughout the season. This variety will not stand the winter east of the Cascades. 80% of the flowers are double and of good size and shape.

CULTURAL DIRECTIONS—See Para. N, Page 11. Height 12 in.

- | | |
|-----------------------|--------------------------|
| 1576. ROSE PINK | Pkt. 10c; 1000 seeds 50c |
| 1577. SCARLET | Pkt. 10c; 1000 seeds 50c |
| 1578. WHITE | Pkt. 10c; 1000 seeds 50c |
| 1580. MIXED | Pkt. 10c; 1000 seeds 50c |

CHABAUD'S EVERBLOOMING. The plants are of even height, healthy and vigorous; the stalks stiff, the flowers large, double, deliciously perfumed and in charming color variations. They bloom in four months.

CULTURAL DIRECTIONS—See Para. N, Page 11. Height 12 in.

- | | |
|---------------------------|--------------------------|
| 1555. BLOOD RED | Pkt. 15c; 1000 seeds 75c |
| 1556. CANARY YELLOW | Pkt. 15c; 1000 seeds 75c |
| 1557. ROSE QUEEN | Pkt. 15c; 1000 seeds 75c |
| 1558. SCARLET | Pkt. 15c; 1000 seeds 75c |
| 1559. WHITE | Pkt. 15c; 1000 seeds 75c |
| 1560. MIXED | Pkt. 15c; 1000 seeds 75c |

GRENADIN. A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a variety of colors.

CULTURAL DIRECTIONS—See Para. N, Page 11. Height 12 in.

- | | |
|--------------------------------|--------------------------|
| 1564. KING OF THE BLACKS | Pkt. 15c; 1000 seeds 75c |
| 1565. TRIUMPH PINK | Pkt. 15c; 1000 seeds 75c |
| 1566. SCARLET | Pkt. 15c; 1000 seeds 75c |
| 1567. WHITE | Pkt. 15c; 1000 seeds 75c |
| 1570. MIXED | Pkt. 15c; 1000 seeds 75c |

CELOSIA—(An)—

CULTURAL DIRECTIONS—See Para. C, Page 11. Height varies.

CHILDSII (Chinese Woolflower) A form of the Celosia, growing 2 to 3 feet high, each branch has flowers of a wool-like appearance, blooming early and lasting till frost. Good for cutting.

- | | |
|------------------------------|-------------------------|
| 1583. BRIGHT RED | Pkt. 10c; 500 seeds 50c |
| CRISTATA (Crested Cockscomb) | |
| 1590. MIXED COLORS | Pkt. 10c; 500 seeds 50c |
| PLUMOSA (Plumed Cockscomb) | |
| 1600. MIXED COLORS | Pkt. 10c; 500 seeds 50c |

CENTAUREA—(An)—

CULTURAL DIRECTIONS—See Para. A, Page 11. Height varies.

CORNFLOWER

CYANUS (Bachelor's Button or Cornflower) Handsome, free-blooming flowers. Bright colors. Good for either bedding or cutting. Height 18 inches.

- | | |
|--------------------------|-----------------------|
| 1616. DOUBLE BLUE | Pkt. 10c; 1/4 oz. 25c |
| 1617. DOUBLE ROSE | Pkt. 10c; 1/4 oz. 25c |
| 1618. DOUBLE WHITE | Pkt. 10c; 1/4 oz. 25c |
| 1620. DOUBLE MIXED | Pkt. 10c; 1/4 oz. 25c |
| 1610. SINGLE MIXED | Pkt. 10c; 1/4 oz. 25c |

SWEET SULTAN

IMPERIALIS (Sweet Sultan) Beautiful, deliciously sweet-scented flowers borne on long, strong stems and are particularly striking, lasting several days after cutting. Height 2 feet.

- | | |
|------------------------|-----------------------|
| 1623. ROSY LILAC | Pkt. 10c; 1/4 oz. 30c |
| 1624. LILAC | Pkt. 10c; 1/4 oz. 30c |
| 1625. ROSE | Pkt. 10c; 1/4 oz. 30c |
| 1626. YELLOW | Pkt. 10c; 1/4 oz. 30c |
| 1627. WHITE | Pkt. 10c; 1/4 oz. 30c |
| 1630. MIXED | Pkt. 10c; 1/4 oz. 25c |

AMERICANA (Basket Flower) A splendid native variety, growing 3 feet high, and bearing immense thistle-like blooms of a rosy-lavender color. Very showy in the mixed border and splendid for cutting.

- | | |
|------------|----------|
| 1607 | Pkt. 10c |
|------------|----------|

CENTAUREA—(Per)—

DUSTY MILLER

WHITE LEAVED VARIETIES. (Dusty Miller) Used for ornamental bedding, edgings, vases, etc.

CULTURAL DIRECTIONS—See Para. L, Page 11.

- | | |
|--------------------------|--|
| 1602. CANDIDISSIMA | Broad leaves, white foliage. Height 8 inches Pkt. 10c |
| 1605. GYMNOCARPA | Leaves silvery grey, acutely serrated. 18 inches high Pkt. 10c |



BACHELORS BUTTON—(Centaurea Cyanus)

CENTAUREA—(Per)—Continued.

FLOWERING VARIETIES. Most useful for cut flowers and perennial border. Height 2 ft.

1632. DEALBATA. Rose flower, graceful silvery leavesPkt. 15c

1635. MACROCEPHALA. A very bright golden yellow. Especially suitable for cut flower, and the herbaceous border. Height 2½-3 ft.....Pkt. 10c

1636. MONTANA (Per. Cornflower)Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

CERASTIUM—(Snow in Summer)—(Per)—

Attractive dwarf-growing perennial, for edging, rockeries, or for covering graves. Covered with white flowers in June. Foliage silvery.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 6 in.

1642Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

CHEIRANTHUS—(Siberian Wallflower)—(Per)

Early gorgeous orange flowers. Continues to bloom the whole season if the pods are removed.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 1 ft.

1653. ALLIONIIPkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

CHELONE—(Turtlehead)—(Per)—

Early flowering plants of rich colors on long, Pentstemon-like stems.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4 ft.

1658. BARBATA TORREYI ScarletPkt. 10c

1660. HYBRIDA PRAECOX MIXEDPkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

CHRYSANTHEMUM—(An)—

Extensively grown for cut flowers. They are summer flowering border plants; good for pot culture and quite distinct from the autumn flowering variety.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height varies.

SINGLE VARIETIES. 12-18 inches.

1664. EASTERN STAR. Yellow with brown disc.Pkt. 10c

1665. EVENING STAR. Sunflower yellow with darker discPkt. 10c

1666. MORNING STAR. Primrose yellow, dark yellow discPkt. 10c

1667. NORTHERN STAR. White, fringed yellow, dark brown eyePkt. 10c

1668. W. E. GLADSTONE. Rich, velvety crimson.Pkt. 10c

1670. TALL SINGLE MIXEDPkt. 10c

DOUBLE VARIETIES. 10-15 inches.

1674. CORONARIUM YELLOWPkt. 10c

1675. CORONARIUM WHITEPkt. 10c

1676. MIXED COLORSPkt. 10c

CHRYSANTHEMUM—(Per)—

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

HARDY POMPOM. Old fashioned hardy fall flowering, with double button-like blossoms.

1682. MIXED COLORSPkt. 25c

LEUCANTHEMUM (Shasta Daisy). A splendid hardy, perennial. Flowers rarely less than five inches across, of pure white, perfect form, and free-flowering. Flowers June.

1684. ALASKAPkt. 10c

MAXIMUM (Moonpenny Daisy). Flowers of extraordinary size, pure white, perfect form, and broad petals, borne on long stems. Flowers July.

1686. KING EDWARD VII.....Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



CENTAUREA

CINERARIA—(Per)—

Flowering variety, for greenhouses.

CULTURAL DIRECTIONS—See Para. O, Page 11. Height 15 in.

1690. HYBRIDA GRANDIFLORAPkt. 25c

CINERARIA—(Per)—

Silver foliage variety for greenhouses.

CULTURAL DIRECTIONS—See Para. O, Page 11. Height 15 in.

1692. MARITIMA (Candidissima)Pkt. 10c

CLARKIA—(Rocky Mountain Garland Flower)—(An)—

Clarkias are popular summer annuals, all perfectly hardy, and can be grown with the utmost ease in ordinary soil. They flower profusely and are exceedingly bright and attractive, especially in large masses. The varieties listed below are all double flowered.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 3 ft.

DOUBLE VARIETIES

1703. ORANGE KING. Absolutely distinctive; a New really bright orange.....Pkt. 15c; ½ oz. 75c

1702. LILAC QUEENPkt. 10c; ½ oz. 50c

1704. PURPLE PRINCEPkt. 10c; ½ oz. 50c

1705. ROSY QUEENPkt. 10c; ½ oz. 50c

1706. SALMON QUEENPkt. 10c; ½ oz. 50c

1707. SCARLET QUEENPkt. 10c; ½ oz. 50c

1708. WHITE QUEENPkt. 10c; ½ oz. 50c

1710. DOUBLE MIXEDPkt. 10c; ½ oz. 50c

1711. COLLECTION. 1 pkt. ea. of above 7 colors 50c

CLEMATIS—(Virgin's Bower)—(Per)—

A hardy climber for permanent positions. Produces a mass of white star-like flowers and grows about thirty feet in a season. Flowers after first year.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 25-30 ft.

1716. PANICULATAPkt. 10c

For PLANTS of above to bloom this year see Vine Section Nursery Catalog

CLEOME—(Spider Plant)—(An)—

Very effective planted in borders and among shrubbery.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2-3 ft.

1714. GIGANTIA. Rose pinkPkt. 10c

COBAEA—(Cup-and-Saucer Vine)—(An)—

A rapid growing climber often attaining the height of 30 to 40 feet in a single season. Seed should be sown edge-wise and barely covered.

CULTURAL DIRECTIONS—See Para. C, Page 11. Height 30-40 ft.

1718. SCANDENS. Clear green, bell-shaped flower which turns on aging to a beautiful purplish lilac.Pkt. 10c

COREOPSIS—(Per)—

Large, showy flowers, produced in great abundance from June until frost; fine for cut flowers. Often known as Perennial Calliopsis.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

MAYFIELD GIANT. This very fine perennial Calliopsis, of Australian New origin. It produces a taller and more vigorous plant than the type, with longer and firmer stems and larger individual blooms, of which the ray petals are broader and form a more perfect corolla.

1724.....Pkt. 25c

1737. **LANCEOLATA GRANDIFLORA**Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

COLEUS—(Per)—

Plants with richly colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns, and ribboning, they are indispensable, and also valuable for pot culture. Although tender perennials, they attain perfection from seed the first season.

CULTURAL DIRECTIONS—See Para. P, Page 11. Height 1-3 ft.

1719. Large-leaved MixturePkt. 15c

**CONVOLVULUS—(Morning Glory)—
(An)—**

The seed should be soaked before planting.

CULTURAL DIRECTIONS—See Para. A or C, Page 11. Height varies.

TALL. A handsome showy climber of easy culture, suitable for covering arbors, trellises, etc. The flowers are most brilliant in the morning.

1730. **MIXED COLORS**Pkt. 10c; 1 oz. 25c

DWARF. Very effective when massed in formal or ribbon beds.

1720. **MIXED COLORS**Pkt. 10c; 1 oz. 25c

CONVOLVULUS—(Per)—

Small blue flowers. Plants of dwarf trailing habit. Fine for rockeries.

1725. **MAURITANICUS**Pkt. 25c

For other varieties of Morning Glories, see Ipomoea, p. 30.



COREOPSIS
Mayfield Giant



COSMOS—Double Crested

COSMOS—(An)—

Fine feathery foliage, large showy blossoms. These are easily grown, making a fine showing for cut flowers.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2½-4 ft.

SINGLE EARLY FLOWERING.

1742. **CRIMSON**Pkt. 10c; 500 seeds 50c

1743. **PINK**Pkt. 10c; 500 seeds 50c

1744. **WHITE**Pkt. 10c; 500 seeds 50c

1750. **MIXED**Pkt. 10c; 500 seeds 50c

DOUBLE CRESTED EARLY FLOWERING.

New

1752. **CRIMSON**Pkt. 20c

1753. **PINK**Pkt. 20c

1754. **WHITE**Pkt. 20c

1760. **MIXED**Pkt. 20c

CRUCIANELLA—(Crosswort)—(Per)—

Early flowering, hardy varieties, suitable for rockwork; bright rose ball-shaped flowerheads.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 6 in.

1763. **STYLOSA**Pkt. 10c

Plants of above to bloom this year. See Perennial Section Nursery Catalog.

**CYNOGLOSSUM—(Chinese Forget-Me-Not)—
(An)—**

An attractive variety of recent introduction, producing through the summer months sprays of intense blue Forget-Me-Not like flowers.

CULTURAL DIRECTIONS—See Para. C, Page 11. Height 18 in.

1767. **AMABILE**Pkt. 10c

CYPRESS VINE—(An)—

Pretty climbers, with delicate fern-like foliage and dainty star-shaped flowers in scarlet, pink, and white.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 10-15 ft.

1770. **MIXED COLORS**Pkt. 10c

DAHLIA—(Per)—

They are easily grown from seeds. Will bloom first season and produce large bulbs by the next fall.

CULTURAL DIRECTIONS—See Para. N, Page 11. Height varies.

1772. COLTNESS HYBRIDS MIXED. Distinctive plants New growing only 18 inches high, covered with abundance of single flowers in great variety of colors.

Pkt. 25c

1774. COLLARETTE MIXED Pkt. 15c

1776. DECORATIVE MIXED Pkt. 15c

1778. DOUBLE CACTUS MIXED Pkt. 15c

1780. GIANT PEONY FLD. HYBRIDS MIXED

Pkt. 15c

Dormant bulbs for spring planting, see Pages 65-69

DELPHINIUM—(Hardy Perennial Larkspur)

Beautiful, hardy plants; grown in borders for their handsome spikes of flowers, which bloom over a long period and make excellent cut flowers.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height varies.

1788. WREXHAM HYBRIDS MIXED. We wish New to draw special attention to this new strain of Delphinium. The spikes frequently attain a height of 6 feet, and are symmetrical in form. The individual florets are large, of diverse formation, and the color ranges from pale lilac through all the beautiful shades of blue to pansy-violet....Pkt. 25c

1782. BELLADONNA. Light blue.....Pkt. 20c

1784. BELLAMOSUM. Dark blue.....Pkt. 20c

1786. CARDINAL. Brilliant scarlet.....Pkt. 20c

1790. GOLD MEDAL HYBRIDS MIXED.....Pkt. 10c

ALPINE VARIETIES. (For rockeries).

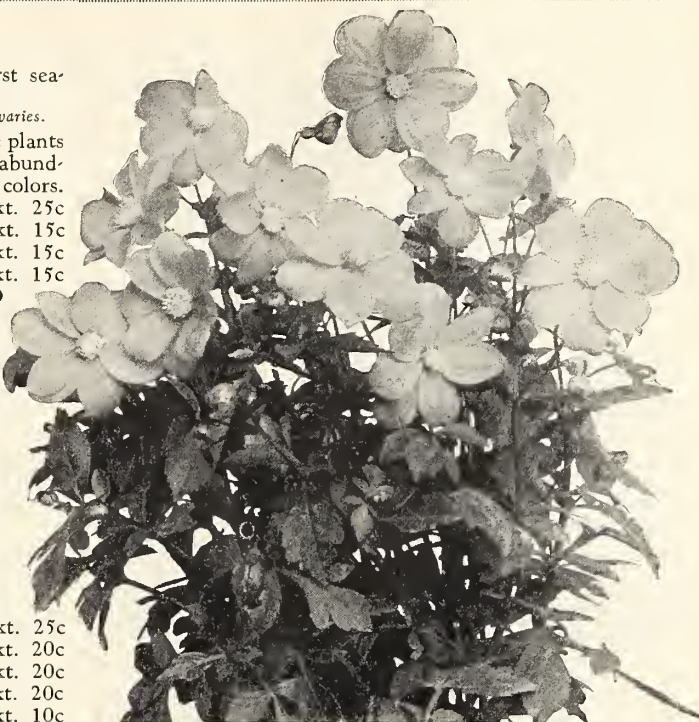
1792. CHINESE AZURE FAIRY. Azure blue. 18 inchesPkt. 15c

1793. CHINESE TOM THUMB. Ultra-marine blue. 12 inchesPkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



DELPHINIUM—Wrexham Hybrids



DAHLIA—Coltness Hybrids

DIANTHUS—(Annual Pinks)—(An)—

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1 ft.

CHINENSIS (China, or Indian Pink). Bright colored, double flowers borne in clusters.

1795. MIXED COLORSPkt. 10c

HEDDEWEGII. (Japan Pink). Dwarf plants. A splendid mixture of the best shades beautifully marked.

1799. SINGLE. Mixed colorsPkt. 10c

1800. DOUBLE. Mixed colorsPkt. 10c

DIANTHUS—(Perennial Pinks)—(Per)—

CULTURAL DIRECTIONS—See Para. H, Page 11 Height 1 ft.

DELTOIDES. (Maiden-Rock Pink). A valuable rockery plant, covered with tiny flowers of brilliant rose-carmine.

1802. DELTOIDESPkt. 10c

PLUMARIUS. (Hardy Garden or Clove Pink). A splendid free-flowering class, more hardy than the carnation, with a strong clove fragrance.

1805. SEMPERFLORENS (Florist's Strain).....Pkt. 15c

1808. SINGLE. MixedPkt. 10c

1809. DOUBLE. MixedPkt. 10c

LATIFOLIUS. A hybrid between China Pink and Sweet William.

1803. ATROCOCINEUS. Crimson Scarlet. Double. Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

DIGITALIS—(Foxglove)—(Per)—

One of the best known perennials for hardy borders, bearing long spikes of tubular flowers. Plants will grow in partial shade and in almost any soil.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4 ft.

1818. GIANT SHIRLEY. Unquestionably the greatest improvement made in the Foxgloves. Height 5 to 6 feet with spikes of bloom 4 ft. in length, closely set with flowers of unusual size.....Pkt. 15c

1819. MONSTROSA MIXED. A very unique and beautiful type, producing long spikes of large flowers of various colors, many of which are beautifully spotted. The striking feature of this strain is the enormous bell shaped blossoms that top each spike of flowersPkt. 15c

1812. GLOXINIA-FLOWERED. PinkPkt. 10c

1813. GLOXINIA-FLOWERED. PurplePkt. 10c

1814. GLOXINIA-FLOWERED. YellowPkt. 10c

1815. GLOXINIA-FLOWERED. WhitePkt. 10c

1820. MIXED COLORSPkt. 10c



CALENDULA—Campfire

DIDISCUS—(Blue Lace Flower)—(An)—

Exquisite pale lavender flowers, are excellent for cutting and last a long time in water.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 18 in.

1829. COERULEUSPkt. 10c

DIMORPHOTHECA—(African Daisy)—(An)—

Hardy. Invaluable for bedding in sunny situations. Blooms profusely; desirable for cut flowers. Early sown seed will bloom all summer.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1 ft.

1824. PLUVIALIS RINGENS. The glistening pure white flower, with blue zone, is very effective. Easily grown. 10 in.Pkt. 25c

1823. AURANTICA. Giant orange flowers.....Pkt. 10c

1825. AURANTICA HYBRIDS MIXED. Various colored hybrids, which include shades of primrose, apricot, buff, and salmon, as well as delicately tinted white flowersPkt. 10c

DOLICHOS—(Hyacinth Bean)—(An)—

A rapid growing climber; flowers freely in erect racemes, followed by ornamental seed pods. Sweet-scented.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 15 ft.

1826. MIXED COLORS.....Pkt. 10c; 1 oz. 25c

ECHINOPS—(Globe Thistle)—(Per)—

Handsome, strong-growing plants with thistle-like leaves and globe-shaped blue flowers.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 5 ft.

1833. RITROPkt. 10c

ERINUS—(Per)—

A charming spring-blooming plant with rosy purple flowers. Useful for naturalizing on walls or the rockery.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4 in.

1836. ALPINUSPkt. 25c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ERYNGIUM—(Sea Holly)—(Per)—

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2-3 ft.

1839. AMETHYSTINUMPkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ESCHSCHOLTZIA—(California Poppy)—(An)—

The state flower of California. Free-flowering, of spreading growth, with silvery foliage. Bloom from early spring until frost.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 15 in.

1852. ALBA. Paper white variety of great beauty

Pkt. 10c

1853. BALLET GIRL. Large flowers with crinkled petals; bright carmine outside, creamy white inside.

Pkt. 10c

1854. GEISHA. A most brilliant variety, the outer side of the flower being orange-crimson, and the inside a deep golden-yellow. The neatly pleated petals add to its attractiveness.....Pkt. 10c

1855. GOLDEN WEST. Flowers of immense size. The colors are intense and shining yellow, some with orange blotchesPkt. 10c

1856. MAUVE BEAUTY. Pure Mauve.....Pkt. 10c

1857. ORANGE FLAME. Vivid orange-scarlet..Pkt. 10c

1858. PURPLE GLOW. Bright reddish purple; darkest shade knownPkt. 10c

1859. ROSE QUEEN. The outside of the petals is a deep rose, inside a lighter tint, the two producing a delightful effect.....Pkt. 10c

1862. SCARLET BEAUTY. Vivid scarlet.....Pkt. 10c

1864. TANGO. Bronze-red overlaid with terra cotta

Pkt. 10c

1865. HYBRID MIXTURE. This new type is a very New erect and bears extra large flowers of tints and shades never before seen in Eschscholtzias. They include soft pink, scarlet, chrome yellow, coppery red, shades of claret, and royal purple, and extra rich shades of crimson, pink and orange scarlet. Pkt. 15c; 1000 seeds 75c

1870. BRILLIANT MIXTURE

Pkt. 10c; 1/2 oz. 40c; 1 oz. 75c

1871. COLLECTION. 1 pkt. ea. of above 10 colors, 75c



ESCHSCHOLTZIA—(California Poppy)

EUPATORIUM—(Per)—

Good for borders and naturalizing. The small white flowers are effective in bouquets.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 18 in.

1874. AGERATOIDES. WhitePkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

EUPHORBIA—(Snow on the Mountain)—(An)—

Variegated foliage, exceedingly attractive.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 18 in.

1877. MARGINATAPkt. 10c

GAILLARDIA—(Blanket Flower)—(An)—

A very showy plant, with brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer until autumn.

CULTURAL DIRECTIONS—See Para. K, Page 11 Height 2½ ft.

1882. DOUBLE MIXEDPkt. 10c

1883. SINGLE MIXEDPkt. 10c

GAILLARDIA—(Blanket Flower)—(Per)—

Compact in growth and produce a succession of flowers from mid-summer to fall. As cut flowers they last in water for days. The flowers are often 4 to 5 inches across, colored in great diversity of variations and blendings.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2½ ft.

1885. DAZZLER. Exceptionally large flowers of bright New golden yellow with rich maroon-red center. Fine for cuttingPkt. 25c

1890. GRANDIFLORA NEW HYBRIDSPkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

GENTIANA—(Gentian)—(Per)—

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4 in.

A useful hardy perennial for rockery and borders. Height 4 inches. Beautiful, blue trumpet shaped flowers.

1893. ACAULIS. Ultra-marine blue.....Pkt. 25c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



GAILLARDIA

GERANIUM—(Per)—

CULTURAL DIRECTIONS—Same as Para. H, Page 11. Height 15 in.

1892. ZONALEPkt. 15c

GEUM—(Per)—

Since the introduction of the new varieties, this plant has become indispensable for the perennial border. It blooms from early summer to late fall, and is invaluable as a cut flower.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2 ft.

1894. LADY STRATHEDEN. Golden yellow.....Pkt. 20c

1895. MRS. BRADSHAW. Brilliant scarlet.....Pkt. 15c

1897. SIBERICUM. Orange flower. Rockery variety.

Height 1 ft.Pkt. 25c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

GILIA—(Bird's Eyes)—(An)—

Principally used for edging.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 9 in.

1899. TRICOLOR. Flowers pale lilac, yellow toward the center with five purple spotsPkt. 10c

GODETIA—(Satin Flower)—(An)—

Hardy, profuse bloomer, bearing showy flowers of satiny texture. This variety deserves more extensive culture, and does well in a rather poor soil.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height varies.

TALL VARIETIES—18 inches.

1902. DOUBLE CRIMSONPkt. 10c

1903. DOUBLE ROSEPkt. 10c

1904. DOUBLE LILACPkt. 10c

1908. DOUBLE MIXEDPkt. 10c; 1000 seeds 25c

SHORT VARIETIES—12 inches.

1905. ROSAMUND. Vivid rose.....Pkt. 10c

1906. BLOOD REDPkt. 10c

1910. MIXED COLORS.....Pkt. 10c; 1000 seeds 25c

GOLDEN ROD—(Per)—

A hardy, herbaceous perennial, indigenous to and common throughout the United States. The beauty of the plant would warrant its cultivation, had not Nature's hand rendered it entirely unnecessary in almost all sections.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4-5 ft.

1915Pkt. 10c



GEUM—Mrs. Bradshaw



DIGITALIS—(Foxglove)

GOMPHRENA—(Globe Amaranth)—(An)—

An attractive Everlasting. The globe shaped flowers resemble the blooms of Dutch Clover. Blooms profusely all summer. Flowers are shades of white, lilac, and bronzy yellow.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

1924. MIXED COLORSPkt. 10c

GOURDS—(An)—

Good climbers for covering verandas and trellis work; rapid growth, bearing fruits of curious shapes.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 20 ft.

1932. CALABASHPkt. 10c

1933. NEST EGGPkt. 10c

1940. MIXED SHAPESPkt. 10c

GYPSOPHILA—(Baby's Breath)—(An)—

A feathery plant with little star-shaped flowers, used in making up bouquets.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

1942. ELEGANS Alba Grandiflora. White.....Pkt. 10c

1943. ELEGANS Rosea Grandiflora. Pink.....Pkt. 10c

1945. MURALIS. Suitable for rock work. Rose flowers. 9 inchesPkt. 10c

GYPSOPHILA—(Baby's Breath)—(Per)—

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2 ft.

1947. PANICULATA. White. SinglePkt. 10c

1948. PANICULATA. Fl. Pl. White. Double.....Pkt. 25c

1949. REPENS. Trailing variety for rockery. White flowers, continuous bloomerPkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

HEDYSARUM—(French Honeysuckle)—(Bi)—

Hardy with racemes of beautiful pea shaped flowers. Used for borders and rock work.

CULTURAL DIRECTIONS—See Para. F, Page 11. Height 3 ft.

1952. CORONARIUM. RedPkt. 10c

HELENIUM—(Sneezewort)—(Per)—

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4 ft.

1955. RIVERTON BEAUTY. Brilliant old gold with splashes of darker shades, changing later to wallflower redPkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

HELIANTHEMUM—(Rock or Sun Rose)—(Per)

Low growing evergreen, forming large clumps, completely covered with blooms during July to September. Excellent for dry situations or for rock work.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 1 ft.

1962. MUTABILE. Mixed ColorsPkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

HELIANTHUS—(Sunflower)—(An)—

The taller varieties produce immense showy flowers suitable for shrubberies, woodlands, or wild gardens. The dwarf kinds are charming when grouped in mixed flower beds.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height varies.

1972. DOUBLE DWARF. 2½ feet. Golden yellowPkt. 10c

1974. MINIATURE MIXED. 1½-2 feet. Splendid for cuttingPkt. 10c

1976. DOUBLE CHRYSANTHEMUM FLOWERED. 6-7 ft. Golden yellowPkt. 10c

1978. NEW RED. 6 feet. Branching habit. Flowers chestnut red centered merging to a yellow at the tips of the petalsPkt. 10c

HELIANTHUS—(Sunflower)—(Per)—

Hardy, and flourish splendidly in any garden. Invaluable for cutting as they last long in water.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 5 ft.

1980. PERENNIAL MIXED. Single flowers.....Pkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



HELIANTHUS



HELICHRYSUM — (Straw Flower)

HELICHRYSUM—(Straw Flower)—(An)—

The best known Everlasting. Great variation in colors. Flowers double. Succeeds in any rich soil, but requires plenty of room. Plants should be about 15 inches apart.
CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

MONSTROSUM OR GIANT STRAIN.

- | | |
|---|--------------------------|
| 1982. FIREBALL. Crimson | Pkt. 10c |
| 1983. GOLDENBALL. Golden yellow | Pkt. 10c |
| 1984. ROSE QUEEN. Bright rose | Pkt. 10c |
| 1985. SALMON QUEEN. Delicate salmon..... | Pkt. 10c |
| 1986. SNOWBALL. Pure white | Pkt. 10c |
| 1987. VIOLET QUEEN. Rich violet | Pkt. 10c |
| 1990. MIXED COLORS..... | Pkt. 10c; 1000 seeds 25c |
| 1991. COLLECTION. 1 pkt. ea. of above 6 colors, 50c | |

HELIOPSIS—(Orange Sunflower)—(Per)—

A hardy herbaceous plant, flowering continuously the entire summer.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3-4 ft.

- | | |
|--|----------|
| 2002. PITCHERINA. Large, deep, golden yellow. 4 feet in height | Pkt. 10c |
| 2003. SCABRA. Double yellow, Zinna-like flowers. Height 3 feet | Pkt. 10c |

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

HELIOTROPE—(Per)—

Tender pot or bedding plants, bearing large clusters of fragrant flowers from spring until frost.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 15 in.

- | | |
|--|----------|
| 2010. MIXED. Dark flowered varieties | Pkt. 10c |
|--|----------|

HEUCHERA SANGUINEA—(Coral Bell)—(Per)—

Charming for rockeries and borders. Compact foliage above which rise numerous graceful panicles of flowers. Excellent for cutting.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2 ft.

- | | |
|---------------------|----------|
| 2015. CRIMSON | Pkt. 25c |
|---------------------|----------|

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

HIBISCUS—(Mallow)—(Per)—

Stately plants with gigantic flowers. Blooms June to fall.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 4-6 ft.

- | | |
|---|----------|
| 2022. CRIMSON EYE. White flower with crimson center | Pkt. 10c |
|---|----------|

- | | |
|-----------------------------------|----------|
| 2024. MOSCHEUTOS. Rosy-pink | Pkt. 10c |
|-----------------------------------|----------|

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

HOLLYHOCK—(Bi)—

One of the most majestic of hardy plants. For planting among shrubbery or forming a background it is without equal.

CULTURAL DIRECTIONS—See Para. F, Page 11. Height 5-6 ft.

DOUBLE VARIETIES.

- | | |
|--|----------|
| 2032. COLORADO SUNSET. Copper to cream | Pkt. 10c |
| 2033. LILAC BEAUTY | Pkt. 10c |
| p034. CRIMSON | Pkt. 10c |
| 2035. MAROON | Pkt. 10c |
| 2036. NEWPORT PINK | Pkt. 10c |
| 2037. ROSE | Pkt. 10c |
| 2038. YELLOW | Pkt. 10c |
| 2039. WHITE | Pkt. 10c |
| 2043. ALLEGHENY DOUBLE FRINGED MIXED | Pkt. 10c |

- | | |
|--------------------------|----------|
| 2040. DOUBLE MIXED | Pkt. 10c |
|--------------------------|----------|

- | | |
|---|-----|
| 2041. COLLECTION. 1 pkt each of above 9 colors, including Allegheny | 75c |
|---|-----|

SINGLE VARIETIES.

- | | |
|---------------------------------|----------|
| 2050. SINGLE MIXED COLORS | Pkt. 10c |
|---------------------------------|----------|

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

HOLLYHOCK—(An)—

The plants from early-sown seed set out in May commence blooming in July, the May-sown in August. In either event they flower profusely until frost.

2030. EVERBLOOMING

MIXED. Grand combination mixture of doubles and semi-doubles including all colors, shades and variegations

Pkt. 15c

HUNNEMANNIA—

(Bush Eschscholtzia or Yellow Tulip Poppy)—(An)—

Produce cup-shaped flowers 3 inches across on stems 12 inches long. Flowers bright yellow, the petals crinkled like crushed satin and keep in water for two weeks.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

- | | |
|------------|----------|
| 2052 | Pkt. 10c |
|------------|----------|

INCARVILLEA DE-

LAVAYI—(Hardy Gloxinia)—(Per)—

An interesting and showy plant for the hardy border; producing large Gloxinia-like rose-colored flowers on high stems during June and July.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 1 ft.

- | | |
|------------|----------|
| 2062 | Pkt. 15c |
|------------|----------|

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



HOLLYHOCK — (Double)



MARIGOLD—French

IONOPSIDUM—(Violet Cress)—(An)—

A lovely miniature rapid-growing and early flowering plant, forming dense tufts of foliage smothered in tiny pale lilac flowers.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 6 in.

2065. ACAULE (Known as Diamond Flower).....Pkt. 15c

IPOMOEA—(An)—

Climbers of rapid growth. To this family belong many well-known kinds including Moonflower, Japanese Morning Glory, Cardinal Climber, etc.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 20-30 ft.

GRANDIFLORA. (White Moonflower). This greatly improved variety of the popular Moonflower Vine, produces much larger flowers and in greater profusion. If grown in a warm sunny location, and given sufficient water while making growth, the vine will attain a height of from 60-75 feet during the summer season. It will be covered with large bluish green heart-shaped leaves, and studded from July until frost with immense saucer shaped flowers, glistening like white satin. They are subtly fragrant. The flowers open about sunset, and close the next morning, though on cloudy days they remain open until noon.

2072 Pkt. 10c

CARDINALIS. (Cardinal Climber or Scarlet Queen Cypress Vine). This is one of the most beautiful climbing annuals we know. The fringed foliage of rich glossy green forms an effective background for the brilliant scarlet tubular flowers 1 to 1½ inches across. It grows rapidly to about 20 feet in height, free from insects, and is a beautiful vine for trellis, piazza or pergola, being literally bespangled with flowers from July until late fall. The seed is very hard-shelled and germinates quicker when started under glass, but if sown in the open ground the seed should first be soaked for a few hours in warm water.

2073 Pkt. 15c

HEAVENLY BLUE. (Rubro Coerulea). Immense flowers of bright sky blue; shading light towards center.

2074 Pkt. 15c

IMPERIALIS. (Giant Japanese Morning Glory). The robust vines attain a height of from 30-50 feet. The foliage is luxuriant, distinct and varied, mostly green, but many leaves are mottled light and dark green, white and gray. The flowers measure from 3-4 inches across and are striped and shaded with every imaginable color

2080 Pkt. 10c

JAPANESE HOP—(An)—

Rapid summer climber; the foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 15 ft.

2082. GREEN FOLIAGEPkt. 10c

2083. VARIEGATED FOLIAGEPkt. 10c

KOCHIA—(Mexican Fire Bush)—(An)—

Rapid growing shapely plant appearing like evergreen shrubs all summer. Leaves gradually turn to bright red during fall.

CULTURAL DIRECTIONS—See Para. B, Page 11. Height 2½ ft.

2092. TRICHOPHYLLA Pkt. 10c

LANTANA—(An)—

Shrubby plants with verbena-like flower, in red, white or yellow. They have an agreeable aromatic perfume.

CULTURAL DIRECTIONS—See Para. D, Page 11. Height 1 ft.

2102. MIXED COLORSPkt. 10c

LARKSPUR—(An)—

Popular garden annual; bears flowers on long stems, rendering them of exceptional value for cutting. Thrives in almost any soil, but needs plenty of sun.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2-3 ft.

STOCK FLOWERED DOUBLE. 2-3 feet.

2118. LA FRANCE. This new variety is very floriferous; the large, well-formed, double flowers being well placed on the long stems to set off its attractions. It is vigorous growing, and is more resistant to mildew than the older Stock Flowered varieties. The flowers are of a pleasing salmon-pinkPkt. 25c

2112. DARK BLUE Pkt. 10c

2113. LIGHT BLUE Pkt. 10c

2114. NEWPORT PINK Pkt. 10c

2115. ROSY SCARLET Pkt. 10c

2116. SHELL PINK Pkt. 10c

2117. LILAC Pkt. 10c

2120. MIXED COLORS.....Pkt. 10c; 1000 seeds 25c

2121. COLLECTION of above 6 colors50c

DWARF ROCKET. 1½-2 feet.

2110. MIXED COLORS Pkt. 10c

LATHYRUS—(Everlasting Sweet Peas)—(Per)—

Hardy climbers, growing luxuriantly when trained on a trellis. The flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut-flowers.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 6-8 ft.

2122. LATIFOLIUS PINK Pkt. 10c

2123. LATIFOLIUS RED Pkt. 10c

2124. LATIFOLIUS WHITE Pkt. 10c

2130. LATIFOLIUS MIXED COLORS Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

LAVANDULA—(Lavender)—(Per)—

This is the true Sweet Lavender; delightfully fragrant blue flowers in July and August.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 18 in.

2132. VERA Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

LAVATERA—(Annual Mallow)—(An)—

Splendid for cool location, branching freely, flowering from July until fall.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

2138. ROSE Pkt. 10c

2139. WHITE Pkt. 10c

LARKSPUR



LEPTOSIPHON—(An)—

Free flowering hardy plant, useful for edging and rock-work. Plants are thickly studded with charming bright flowers of various colors.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 6-12 in.

2135. HYBRIDS MIXED COLORS Pkt. 10c

LIATRIS—(Blazing Star, or Gay Feather)—(Per)—

Showy plants with long spikes of purple and rosy purple; flowers from July to September.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2 ft.

2142. SCARIOSIA Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

LILIUM REGALE—(Regal Lily)—(Per)—

This grand Lily flowers in the first part of July, having 6 to 12 flowers borne on stiff stems. Must be grown in good soil and well fertilized to attain perfection. The seed of this is harvested in one of our own nurseries.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 4 ft.

2144 Pkt. 25c

LIMNANTHUS—(An)—

A free flowering delicately fragrant, dwarf plant; flowers white with broad yellow center; valuable for the spring garden.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 6 in.

2145. DOUGLASII Pkt. 10c

LINARIA—(Kenilworth Ivy)—(Per)—

Pretty, hardy creeping plants, covered with dainty mauve flowers. Excellent rockery plant.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 6 in.

2152. CYMBALARIA. Mauve flower Pkt. 15c

LINARIA MACEDONICA—(Per)—

Excellent for large borders and for cutting. Long spikes of citron-yellow flowers above glaucous green foliage.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 3 ft.

2153. SPECIOSA Pkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

LINUM—(Scarlet Flax)—(An)—

One of the most brilliant summer annuals for beds and borders. Flowers crimson.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

2156. RUBRUM Pkt. 10c

LINUM—(Per)—

Graceful, hardy perennial; bright blue flowers.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 1½ ft.

2158. BLUE Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

LOBELIA—(An)—

Popular and beautiful flowering plants that are indispensable for edgings, hanging baskets, pots or porch boxes.

CULTURAL DIRECTIONS—See Para. D, Page 11. Height 6-9 in.

DWARF VARIETIES FOR BEDDING.

2162. CRYSTAL PALACE COMPACTA. Deep blue, dark reddish foliage, finest dark blue for bedding Pkt. 10c

2165. BEDDING QUEEN. Dark navy blue with clear white eye. A compact, excellent bedding variety Pkt. 10c

2167. WHITE LADY. White flower; very compact bushy plants Pkt. 10c

SEMI-DWARF VARIETIES FOR BEDDING.

2177. GRACILIS. Light blue. Pale green foliage Pkt. 10c

2172. SPECIOSA. Deep navy blue. Dark foliage Pkt. 10c

2174. SUPERBA. Dark blue with white eye. Dark foliage Pkt. 10c

TALL VARIETIES FOR BEDDING.

2182. TENUIOR (Ramosa). This is an entirely new type. The plants attain a height of about 12 inches and make excellent pot plants. Also useful in large beds or borders Pkt. 10c

TRAILING VARIETIES for BALCONIES and HANGING BASKETS.

2192. HAMBURGIA. Sky blue; white eye.....Pkt. 10c

2193. SAPPHERE. Dark blue; white eye.....Pkt. 10c



LILIAM REGALE—(Myriophyllum)

LUNARIA—(Honesty, or Silver Dollar Plant)—(Bi)—

Greatly admired for their silvery seed pouches, which resemble a silver dollar in size and appearance. They are used extensively for winter bouquets as they present a very beautiful and rather curious appearance.

CULTURAL DIRECTIONS—See Para. F, Page 11. Height 2-3 ft.

2202 Pkt. 10c

LUPIN—(An)—

Free-flowering, easily grown plants with long, graceful spikes of rich and various colored pea-shaped flowers. The fine, dark, glossy foliage makes an admirable foil and background for the flowers. Valuable for mixed borders and cutting. Does well in partial shade.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 4 ft.

2212. ROSE PINK Pkt. 10c

2213. SKY BLUE Pkt. 10c

2214. WHITE Pkt. 10c

2220. MIXED COLORS Pkt. 10c; 1 oz. 30c

LUPINUS POLYPHYLLUS—(Perennial Lupin)—

Very effective plant for the herbaceous border. Blooms in May and June.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 3 ft.

2228. NEW HYBRIDS. Wonderful new mixture containing many beautiful art shades of rose, buff, yellow, terra cotta, mauve, and blue..... Pkt. 25c

2226. LAVENDER QUEEN. A new shade—lavender tinted rose Pkt. 25c

2222. DARK BLUE Pkt. 10c

2223. MOERHEIMI. Rose and white..... Pkt. 15c

2224. ROSE PINK Pkt. 10c

2225. WHITE Pkt. 10c

2230. MIXED COLORS Pkt. 10c; 1 oz. 50c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

LUPINUS ARBOREUS — (Tree Lupin) — Height 4-5 feet—(Per)—

2233. YELLOW Pkt. 10c; 1 oz. 75c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

LYTHRUM—(Per)—

Immense spikes of bright rose-colored flowers, thriving well in moist places.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

2248. ROSEUM SPLENDENS Pkt. 10c



MECONOPSIS BAILEYII—The Blue Poppy from Thibet

LYCHNIS—(Per)—

One of the finest herbaceous perennials, perfectly hardy and very ornamental. Flowers of great brilliancy.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height varies.

2242. ALPINA. Very dwarf rockery plant. Produces clusters of rose colored flowers in spring and early summer. 4 in. Pkt. 20c
2243. ARKWRIGHTII. Many new colors in red, pink, and orange. If sown early in spring will bloom first season Pkt. 15c
2244. CHALCEDONICA. (Maltese Cross). Intense scarlet. 2 ft. Pkt. 10c
2245. FLOSCUCULI. (Ragged Robin). Rose pink. 18 inches Pkt. 10c
2246. VISCARIA SPLENDENS. Border plant. Deep red flowers. Blooms during June. 1 ft. Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

MARIGOLD—(Tagetes)—(An)—

In late summer, when many bedding plants are past their prime, Marigolds afford a wealth of color that is simply invaluable. The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted.

CULTURAL DIRECTIONS—See Para. A or B, Page 11. Height varies.

AFRICAN. TALL DOUBLE. 2-3 feet.

2252. LEMON QUEEN Pkt. 10c
2253. ORANGE PRINCE Pkt. 10c
2260. MIXED COLORS. Pkt. 10c; 1000 seeds 25c
- PRIDE OF THE GARDEN. (Compact African). 2 feet.
2263. DOUBLE ORANGE Pkt. 10c
- FRENCH. DWARF DOUBLE. 10 inches.
2272. GOLD EDGED BROWN Pkt. 10c
2273. GOLD STRIPED Pkt. 10c
2274. MAHOGANY Pkt. 10c
2276. ROBERT BUIST. An entirely new and unusual shade of shining purple scarlet. Very effective for massing in beds Pkt. 10c
2280. DOUBLE MIXED. Pkt. 10c; 1000 seeds 25c

MARIGOLD (Continued).

FRENCH PIGMY. 8 inches. Double flowers. Effective for outlining beds.

2283. GOLDEN BALL Pkt. 10c

2284. LEMON BALL Pkt. 10c

FRENCH SINGLE.

2292. LEGION OF HONOR. Height 9 inches. Golden yellow flowers marked with large spot of velvety crimson at base of each petal

Pkt. 10c; 1000 seeds 25c

2293. TAGETES SIGNATA PUMILA. 6-8 inches. A miniature Marigold, forming compact plants completely covered with flowers which are bright yellow with brown stripe down center of petal

Pkt. 10c; 1000 seeds 25c

MATHIOLA—(Evening Scented Stock)—(An)—

No annual in cultivation equals this in the delicate perfume of its flowers. The pink and lilac blossoms partly close during the day but expand and impart their fragrance in the evening.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2-2½ ft.

2306. BICORNIS Pkt. 10c

MATRICARIA—(White Feverfew)—(Per)—

Numerous branching flower stems literally covered with very double white flowers, 1 inch in diameter.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 18 in.

2302. CAPENSIS Pkt. 10c

MECONOPSIS—(Thibetan Poppy)—(Per)—

New This beautiful blue perennial Poppy throws up from its root-stock half a dozen leafy stems with sea-green leaves and bearing freely at their heads large four-petalled blooms of a Glorious Sky-Blue Color, the effect of which is enhanced by a central zone of golden yellow anthers. Does well in a shady position.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

2309. BAILEYII Pkt. 25c

MESEMBRYANTHEMUM—(Ice Plant)—(An)—

Grown for its peculiar leaves, which are covered with small watery pustules, and glisten like ice. Flowers white.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1 ft.

2312. CRYSTALLINUM Pkt. 10c



AFRICAN MARIGOLD

MIGNONETTE—(Reseda)—(An)—

A well known fragrant garden favorite; sowings made in April and again in July, will maintain a succession of flowers from early summer until frost. Can also be grown in pots indoors for winter and early spring.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1 ft.

2321. GOLDEN MACHET. Golden flowered handsome spikes—
invaluable for pot growing Pkt. 10c
2322. WHITE MACHET. Spikes of creamy white flowers, quite
distinct Pkt. 10c
2323. MACHET. An excellent strain—spikes of exceptionally
showy red flowers Pkt. 10c
2324. SWEET SCENTED. Very free flowering and should be
largely grown in every garden, if only for its perfume.
..... Pkt. 10c



MIGNONETTE

MIMOSA PUDICA—(Sensitive Plant)—(An)—

Curious and interesting plant with pinkish-white flowers; the leaves close and droop when touched or shaken.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

- 2332 Pkt. 10c

MIMULUS—(Per)—

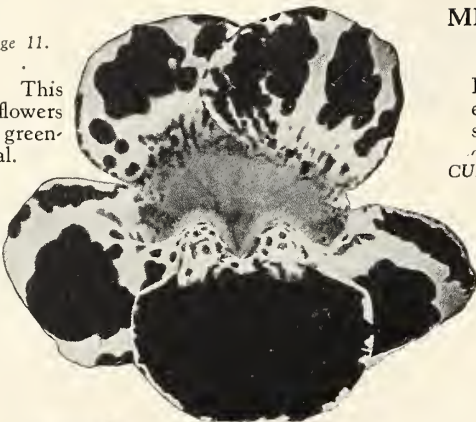
CULTURAL DIRECTIONS—See Para. H, Page 11.
Height 9 in.

MOSCHATUS. (Musk Plant). This
fragrant little plant with its yellow flowers
is equally at home in sitting room, green-
house or garden, half-hardy perennial.

- 2342 Pkt. 20c

TIGRINUS. (Monkey Flower).
Showy little plants, with singularly
shaped and brilliantly colored flow-
ers. Excellent for baskets or vases.

- 2345 Pkt. 10c

MIMULUS
(Monkey Flower)

FORGET-ME-NOT — (Myosotis)

**MIRABILIS — (Four o'Clock or
Marvel of Peru)—(An)—**

Large, fragrant flowers, blooming the
entire season. They are usually crim-
son-yellow and purple. Fine for beds
or borders.

CULTURAL DIRECTIONS—See Para. A, Page
11. Height 2 ft.

2352. MIXED COLORS
..... Pkt. 10c

**MYOSOTIS — (Forget - Me-
Not)—(Bi)—**

Dainty little plants with graceful
flowers, mostly in shades of blue
and mauve. They like cool,
moist soils and bloom freely in
early spring.

CULTURAL DIRECTIONS—See Para. F, Page 11. Height
8-12 in.

2354. ALPESTRIS. Rose Pink Pkt. 10c
2355. ALPESTRIS. Royal Blue Pkt. 10c
2357. DISSITIFLORA. Deep blue flowers. Early;
especially adapted for planting among spring
flowering bulbs Pkt. 15c

MYOSOTIS—(Forget-Me-Not)—(Per)—

A large blue variety, flowering all summer. Will do
well in moist positions in partial shade.

CULTURAL DIRECTIONS—See Para. H, Page 11. Ht. 8-12 in.

2353. RUTH FISHER. Compact habit with glossy
New dark-green foliage, above which are carried
on sturdy stems large clusters of immense
pure Forget-Me-Not blue flowers, 1½ inches
across, or larger than those of any other
known Myosotis. Very hardy. Especially
valuable for spring bedding effects. Make
fine pot plants, forcing easily.....Pkt. 25c

2359. PALUSTRIS SEMPERFLORENS..Pkt. 15c

For PLANTS of above to bloom this year see Perennial Section
Nursery Catalog



NASTURTIUM — TOM THUMB

NASTURTIUM

(An.) Few annual flowers give such satisfaction as the Nasturtium. They require only moderately good soil, endure dry, hot weather and will give their brilliantly colored blossoms all through the season.

CULTURAL DIRECTIONS—See Para. A, Page 11.

TALL OR CLIMBING. Height 10-15 feet.

- | | |
|---------------------|---------------|
| 2362. BRIGHT YELLOW | 2365. SCARLET |
| 2363. DARK RED | 2366. SALMON |
| 2364. ORANGE | |

PRICE of above varietiesPkt. 10c; 1 oz. 20c
2370. MIXED COLORSPkt. 10c

1 oz. 15c; ¼ lb. 45c; 1 lb. \$1.25

DWARF (Giant Flowered). Height 10-12 inches.

- | | |
|---------------|---------------|
| 2372. BRONZE | 2375. SCARLET |
| 2373. ROSE | 2376. YELLOW |
| 2374. CRIMSON | |

PRICE of above varieties.....Pkt. 10c; 1 oz. 20c

2377. KING OF TOM THUMBS (Dark-leaf variety)
Pkt. 10c; 1 oz. 20c

2380. MIXED COLORS

Pkt. 10c; 1 oz. 15c; ¼ lb. 45c; 1 lb. \$1.25

2381. COLLECTION. 1 pkt ea. of above 6 colors, 50c

NEMESIA—(An)—

Orchid-like flowers of rich colors; free flowering. Thrives best in a cool position.

CULTURAL DIRECTIONS—See Para. D, Page 11. Height 18 in.

2384. COMPACTA BLUE GEM. This new introduction is composed of entirely new hybrids of a Forget-Me-Not bluePkt. 25c

2382. STRUMOSA GRANDIFLORA. Mixed colors
Pkt. 15c

NEMOPHILA—(An)—

Cup-shaped blossoms about one inch in diameter, in white and shades of blue.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 6 in.

2386. INSIGNIS. Mixed colorsPkt. 10c; 1 oz. 50c

NEPETA—(Per)—

The pale blue-gray foliage, surmounted by pale mauve flowers, makes a pretty and lasting effect. Suitable for border and rockwork.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 9 in.

2392. MUSSINIPkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

NICOTIANA—(Tobacco)—(An)—

A free flowering annual of the tobacco family. Bears fragrant, star-shaped flowers.

CULTURAL DIRECTIONS—See Para C, Page 11. Height 3 ft.

2403. AFFINIS. WhitePkt. 10c

2404. SANDERAE CRIMSON

KINGPkt. 10c

2405. SANDERAE MIXED

HYBRIDSPkt. 10c

NIGELLA—(Love-in-a-Mist)—(An)

Foliage finely cut; oddly shaped flowers in blue and white. Of easy culture.

CULTURAL DIRECTIONS—See Para A, Page 11. Height 1 ft.

2412. MISS JEKYLL BLUEPkt. 10c

2415. DOUBLE MIXEDPkt. 10c

OENOTHERA—(Evening Primrose)—(Per)—

These thrive best in half shade; flowers yellow; flower is fully expanded in the later afternoon.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height varies.

2422. ODORATA. Yellow. 1-2 feetPkt. 10c

2423. MISSOURIENSIS. For rockery. Yellow. 9 inchesPkt. 25c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ORNAMENTAL GRASSES—(Per)—

The varieties listed are used for both herbaceous border and perennial garden. The dried flower heads are used with everlasting flowers, for bouquets.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height varies.

PAMPAS GRASS must be started in heat.

2434. PAMPAS GRASS. WhitePkt. 10c

2436. PAMPAS GRASS. RosePkt. 10c

2435. STIPA PENNATA. (Feather Grass).....Pkt. 15c

2437. EULALIA JAPONICAPkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

ORNAMENTAL GRASSES—(An)—

Grown for their beautiful flower panicles which, when dried, are very useful for bouquet work.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height varies.

2432. BRIZA MAXIMA. (Quaking Grass)Pkt. 10c

2433. HORDEUM JUBATUM (Squirrel-tail Grass)
Pkt. 10c



NIGELLA



PANSY (*Heartsease*)

(Per) Pansies are too well known to require any description, as they are favorites with all. For best results you must start with a good strain of seed. Years of scientific culture, hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth and deep rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form, and color. They thrive best in cool, moist soil which should be enriched by well-decayed barnyard manure or finely ground bone. It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure, where the wind has a free sweep over the bed is far better, and so planted, they are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 6 in.

MASTODON OR GIANT FLOWERING. We have discarded the ordinary Pansies in separate colors in favor of this type, which produces very large flowers, plants of strong robust growth, and is well adapted to our climatic conditions.

- 2442. ADONIS. Light blue shades..... Pkt. 25c
- 2443. BLACK. Deep, velvet maroon black....Pkt. 25c
- 2444. BRONZE Pkt. 25c
- 2445. GRAND DUKE MICHEL. Pure white..Pkt. 25c
- 2446. MADAME PERRETT. Wine red, bordered white Pkt. 25c
- 2447. MADAME STEELE. Elks purple Pkt. 25c
- 2448. PARISIAN YELLOW. Clear yellow.... Pkt. 25c
- 2449. PRINCE HENRY. Dark blue Pkt. 25c
- 2452. STRIATA. Dark rose pink, shaded and mottled Pkt. 25c
- 2455. IMP. VULCANO. Burgundy red Pkt. 25c
- 2460. MIXED COLORS....Pkt. 25c; 1000 seeds \$1.00
- 2461. COLLECTION. 1 pkt. ea. of above 10 colors, \$2

GIANT TRIMARDEAU. Large flowered varieties of French origin which are now being superceded by our home-grown types such as Mastadon.

- 2440. MIXED COLORS.....Pkt. 15c; 1000 seeds 50c

WINTER BLOOMING. We believe this early and perennial petal-flowering strain of Pansies will become a general favorite, once its exceptional qualities become known and recognized. From a sowing made at the usual time, the plants start flowering in the autumn months and continue in profusion throughout a normally mild winter. The plants are compact in growth and should be very largely used for earliest spring bedding effects.



PANSY — MASTODON

WINTER BLOOMING—Continued.

- 2465. CELESTIAL QUEEN. Bright sky-blue, tinted lavender, small yellow eye Pkt. 25c
- 2466. ICE KING. Silver white, with deep blue blotch on lower petals Pkt. 25c
- 2467. MARCH BEAUTY. Rich velvety violet-purple, with yellow eye Pkt. 25c
- 2468. WINTER SUN. Golden-yellow with maroon blotch on lower petals Pkt. 25c
- 2470. MIXED COLORSPkt. 25c
- 2471. COLLECTION. 1 pkt. ea. of above 4 colors 75c

PENTSTEMON—(Beard Tongue)—(Per)—

Flowers from June until autumn. Very fine for borders. Flowers borne on tall spikes, resembling Gloxinias. Hardy.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

- 2475. MIXED HYBRIDSPkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

PHACELIA CAMPANULARIA—(An)—

Very showy hardy annual with bright blue bell-shaped flowers. One of the earliest annuals to bloom and lasts in perfection a long time.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 9 in.

- 2502 Pkt. 10c

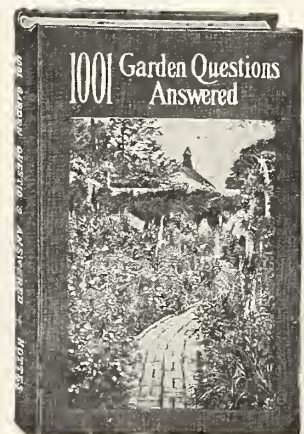


PANSY—Winter Blooming

A book specially written by an horticultural expert to answer the perplexing questions which occur every day to a gardener. Your garden problems are solved in plain language.

POSTPAID\$1.50

For a complete list of other garden books see pages 72-73.



PETUNIA

(An) Peerless among annuals for a sunny garden or for growing in window boxes or hanging baskets. If flowers are picked off as they become faded a continuous blooming until frost may be assured.

CULTURAL DIRECTIONS—See Para. A or C, Page 11. Height 12-18 in.

LARGE FLOWERING VARIETIES—

DOUBLE-FRINGED MIXTURE. Double flowers, very large, full and symmetrical with petals beautifully fringed.

2480 Pkt. 35c

SINGLE VARIETIES.

2482. **ELKS PRIDE.** Deep purple plain edge, very large and handsome flowers Pkt. 25c

2483. **PRIDE OF PORTLAND.** Deep rose pink, fringed Pkt. 25c

2484. **SCARLET BEAUTY.** Brilliant scarlet, fringed....Pkt. 25c

RUFFLED GIANTS. A beautiful deep throated new strain with flowers of exceptional size that are deeply fuffed and fringed.

2485. **MIXED COLORS** Pkt. 25c

STRIPED AND BLOTCHED. Large, handsome flowers beautifully striped and spotted.

2486. Pkt. 10c; 1000 seeds 50c

SINGLE CHOICE MIXED. A carefully selected blend of colors for bedding.

2489. **MIXED COLORS.**

Pkt. 10c; 1000 seeds 50c

COMPACT BEDDING

Bushy plants about 12 inches high.

2492. **ROSY MORN** (Pink Mound).

Pkt. 10c; 1000 seeds 50c

BALCONY VARIETIES

Is exclusively used for growing in window boxes or hanging baskets. The showy flowers average about 2 inches in diameter and are produced in great abundance.

2495. **DEEP BLUE** (Karlsruhe)Pkt. 20c

2500. **MIXED COLORS.**
Pkt. 20c



PETUNIA



PETUNIA — (Ruffled Giant)

PHYSOSTEGIA—

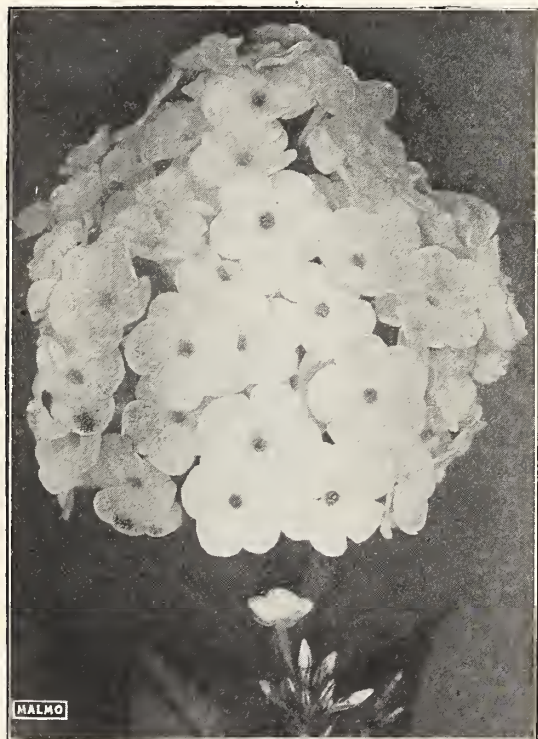
(False Dragonhead)—(Per)—

One of the most attractive of our midsummer blooming perennials, forming dense bushes, and bearing spikes of delicate tubular flowers.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

2532. **VIRGINICA**Pkt. 10c

For PLANTS of above to bloom this year see Perennial Section Nursery Catalog



PERENNIAL PHLOX

PHLOX—Annual Varieties—

For beds and massing nothing can surpass these beautiful annuals. Separate colors, planted in separate beds, or the scarlet or pink surrounded by the white, or planted in designs, will form a floral picture of incomparable richness of coloring. They produce immense trusses of large brilliant flowers throughout the summer.

CULTURAL DIRECTIONS—See Para. A or C, Page 11. Height 1½ ft.

DRUMMONDI.

2512. **CHAMOISE ROSE** Pkt. 10c

2513. **CREAMY YELLOW** Pkt. 10c

2514. **CRIMSON** Pkt. 10c

2515. **LILAC** Pkt. 10c

2518. **MAROON** Pkt. 10c

2516. **ROSE PINK** Pkt. 10c

2517. **WHITE** Pkt. 10c

2520. **MIXED COLORS**.....Pkt. 10c; 1000 seeds 50c

2521. **COLLECTION.** 1 pkt. each of above 7 colors, 50c

STAR OR FRINGED VARIETY.

2524. **STAR MIXED.** Star shaped flowers; very effective.
Pkt. 10c; 1000 seeds 50c

PHLOX—Perennial Varieties—

Large heads of the most magnificent colored flowers blooming from August to October.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2-3 ft.

DECUSSATA.

2530. **GRANDIFLORA MIXED**.... Pkt. 15c; 1000 seeds 75c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

PRIMULA—(Per)—

Many varieties of Primrose and Polyanthus belong to this family. The common names are given following the generic name.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height varies.

AURICULA. (Hardy Primrose).

2542. MIXED Pkt. 25c

AURICULA ALPINE. Hardy variety for rockeries.

2543. MIXED Pkt. 25c

BESIANA. Tall growing species; flowers shades of purple with yellow eye. Height 2 feet.

2544 Pkt. 25c

CASHMIRIANA. Large heads of flowers which thrive even in the most exposed places in a rockery.

2545. BLUE. Lavender blue shades..... Pkt. 25c

2546. RUBY. Violet-red Pkt. 25c

CHINESE. Tender Perennial which is used for growing indoors only.

2547. MIXED COLORS Pkt. 35c

FARINOSA. (Birds Eye Primrose).

2548. Rose colored flowers Pkt. 25c

JAPONICA. (Japanese Primrose). Showy flowers of all colors borne on long stems. 1½-2 feet.

2550. MIXED HYBRIDS Pkt. 15c

OBCONIA. A greenhouse flowering variety.

2552 Pkt. 25c

ROSEA. A very showy variety for rock gardens. Height 6 inches.

2553. GRANDIFLORA. Rose-pink Pkt. 25c

VERIS (Polyanthus). One of the most popular bedding varieties.

2554. ELATIOR MIXED COLORS Pkt. 15c

2557. ACAULIS COERULEA. (Blue Polyanthus). Pkt. 25c

2558. ACAULIS MIXED HYBRIDS Pkt. 25c

VULGARIS (English Primrose).

2555. Canary yellow; fragrant Pkt. 15c

For PLANTS of the above (outdoor varieties only) to bloom this year see Perennial Section Nursery Catalog.

PLATYCODON—(Chinese Bell Flower)—(Per)—

Large bell-shaped flowers, similar to the Campanula; fine for perennial borders.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2 ft.

2534. GRANDIFLORA BLUE Pkt. 10c

2535. GRANDIFLORA WHITE Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



ORIENTAL POPPY



PRIMULA

PHYSALIS FRANCHETII—(Chinese Lantern Flower)—(Per)—

An ornamental plant that has recently come into popular favor for the decorative value of its brilliant orange-scarlet lantern shaped fruit pods.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 2 ft.

2533. FRANCHETTII Pkt. 10c; ¼ oz. 50c
For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

POPPY—PERENNIAL VARIETIES—

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 1-3 ft.

NUDICAULE (Iceland Poppy). Graceful, brilliant and fragrant flowers, produced in profusion from June to October. Height 1 ft.

2573. TANGERINE Pkt. 10c

2574. YELLOW Pkt. 10c

2575. WHITE Pkt. 10c

The under-mentioned varieties are slightly more dwarf and compact than above.

2576. NEW ORANGE Pkt. 15c

New

2577. NEW PINK SHADES Pkt. 15c

New

2578. SUNBEAM HYBRIDS. This new type of hybrid contains many new colors in the rose, maize, and cream varieties. They are borne on long, strong stems which make them especially suitable for cut flowers

2580. MIXED COLORS. Single Pkt. 25c

Pkt. 10c; 1000 seeds 50c

2581. COLLECTION. 1 pkt. each of above 6 colors (including Sunbeam Hybrids).....75c

2590. MIXED COLORS. Double Pkt. 25c

Pkt. 10c; 1000 seeds 50c

ORIENTAL. Very large, single, gorgeous blossoms. One of the most showy garden perennials.

2593. DARK RED Pkt. 10c

2594. SALMON Pkt. 10c

2595. SCARLET Pkt. 10c

2600. MIXED COLORS Pkt. 10c; 1000 seeds 50c

BRACTEATUM. Glowing scarlet, long stems; earlier than Oriental. 3 feet.

2564 Pkt. 10c

ALPINE. Low growing, nearly stemless; fragrant. Fine for rockeries.

2562. MIXED COLORS Pkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

POPPY—ANNUAL VARIETIES—

A great wealth of color can be obtained throughout the summer by liberal sowings of the Annual Poppies. During March, April and May sow in lines or groups, and thin to about a foot apart.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1-3 ft.

SHIRLEY.

2622. SINGLE. Rose Pkt. 10c
 2630. SINGLE. Mixed.....Pkt. 10c; 1000 seeds 25c
 2640. DOUBLE. Mixed.....Pkt. 10c; 1000 seeds 25c
CARNATION. Large, double flowers, fringed. 2 feet.
 2610. MIXED COLORSPkt. 10c; 1000 seeds 25c
PEONY FLOWERED. Double, ball-shaped flowers. Very large.
 2620. MIXED COLORSPkt. 10c; 1000 seeds 25c
TULIP. Large, scarlet, tulip-shaped flowers.
 2645Pkt. 10c; 1000 seeds 25c

PORTULACA—(An)—

One of the finest hardy annual plants. The flowers are of the richest shades of reds, yellows and whites, and are produced in great profusion. Very effective for beds and ribbon borders.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 3 in.

2660. SINGLE MIXED Pkt. 10c; 1/2 oz. 50c
 2670. DOUBLE MIXED
 Pkt. 10c; 1000 seeds 50c; 1/2 oz. \$1.50

POTENTILLA—(Cinquefoil)—(Per)—

Herbaceous plant; single flowers resembling the Geum; of various shades of yellow and rich brown.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 1 ft.

2674. HYBRIDA Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

PUERARIA—(Japanese Kudzu Vine)—(Per)—

This is the fastest-growing hardy climbing plant. It will grow 8-10 feet the first year from seed, and after it has become established there seems to be no limit to its growth; 50 feet in a single season being not unusual.

CULTURAL DIRECTIONS—See Para. K, Page 11.

2684. THUNBERGIANA Pkt. 10c

For PLANTS of above to bloom this year see Vine Section Nursery Catalog

PYRETHRUM—(Per)—

CULTURAL DIRECTIONS—See Para. K, Page 11 Height 1 1/2-2 ft.

AUREUM. (Golden Feather or Feverfew). A yellow foliaged, herbaceous plant much used for carpet bedding and edging.

2694. Golden-yellow foliage Pkt. 10c
HYBRIDUM. (Painted Daisy). Large, daisy-like flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall; and is one of the most graceful and long-lasting cut flowers; 2 feet.
 2700. SINGLE HYBRIDS Pkt. 10c
 2710. DOUBLE HYBRIDS Pkt. 25c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

RANUNCULUS—(Buttercup)—(Per)—

A well-known spring flowering variety producing an abundance of double and semi-double flowers.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 1 ft.

2715. ASIATICUS SUPERBISSIMUS Pkt. 10c

RHODANTHE—(Swan River Everlasting)—(An)

Dainty flowers carried gracefully on thin, but airy stems. Everlasting or Straw Flower.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1 ft.

1724. MIXED COLORS Pkt. 10c; 1/2 oz. 50c

RICINUS—(Castor Oil Plant)—(An)—

Ornamental, of stately growth and picturesque, highly colored foliage.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 10 ft.

2733. ZANZIBARIENSIS Pkt. 10c; 1 oz. 25c

RUDEBECKIA—(Purple Cone Flower)—(Per)—

Hardy perennial, crimson flowers with dark brown disc.

2743. PURPUREA Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



SALVIA—Harbinger

SALVIA—(An)—

Half-hardy perennial grown as an annual, therefore listed as such. Handsome large flowering plants, freely producing spikes of vivid flowers and bracts. Planted in spring in heat these plants may be had to flower in July, but are more commonly used for effective fall bedding.

CULTURAL DIRECTIONS—See Para. D, Page 11. Height 1-3 ft.

RED VARIETIES.

2762. BONFIRE. Dwarf, compact, erect, very brilliant scarletPkt. 15c; 1000 seeds 75c
 2783. SPLENDENS. Stems erect with tall spikes of scarlet flowers. A good bedding variety
 Pkt. 10c; 1000 seeds 50c

2765. HARBINGER. This is certainly the best Red New Salvia extant. Plants are dwarf and bushy and the strong dark foliage forms an effective foil to the vivid hue of the flowers. The older types of Red Salvia have one common fault, their lateness of coming into bloom. Harbinger remedies this fault. Plants raised from seed sown at the end of February commence to produce in profusion their long spikes of dazzling, scarlet flowers early in June and maintain a blaze of color until frost Pkt. 25c; 1000 seeds \$1.00

BLUE VARIETY.

2769. PRATENSIS. (Tenorii). A fine early rich blue flowered variety. Quite hardy, if required can be grown as a perennial..Pkt. 10c; 1000 seeds 50c

SANVITALIA—(An)—

Small, showy, bright flowers of dwarf, compact growth produced in abundance all summer. Suitable for rockery.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 6 in.

2774. SINGLE YELLOW. Yellow with dark center
 Pkt. 10c

2775. DOUBLE YELLOW Pkt. 10c

SAPONARIA—(Soapwort or Bouncing Bet)—(An)—

Small, starry pink flowers produced in great abundance; admirable for bedding or massing.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 8 in.

2786. MULTIFLORA ROSEA Pkt. 10c

SAPONARIA—(Soapwort or Bouncing Bet)—(Per)—

Elegant dwarf trailing plants covered with crimson flowers; for rockeries and edging.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 9 in.

2783. OCYMOIDES SPLENDENS Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

SAXIFRAGE—(Per)—

A small, mossy foliage plant, invaluable for rock gardens.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3-6 in.

- 2790 Pkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

SCABIOSA—(Mourning Bride or Pin-Cushion)—(An)—

Hardy annual of easiest culture. Profusion of flowers in exquisite shades on long, wiry stems; cut flowers keep in good condition for a long time; blooms profusely from early summer to frost.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 2 ft.

2792. AZURE FAIRY	Pkt. 10c
2793. KING OF THE BLACKS	Pkt. 10c
2794. LILAC	Pkt. 10c
2796. RED, CHERRY	Pkt. 10c
2797. ROSE	Pkt. 10c
2798. YELLOW	Pkt. 10c
2799. WHITE	Pkt. 10c
2795. PEACH BLOSSOM. A distinctive novelty in a beautiful shade	
New of peach-pink. Large flower; ideal for cutting.	Pkt. 25c
2800. MIXED COLORS	Pkt. 10c; 1/2 oz. 50c
2801. COLLECTION. 1 pkt. each of above 8 colors	75c



SCABIOSA

SCABIOSA CAUCASICA—(Blue Bonnet)—(Per)—

One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

2804. CAUCASICA PERFECTA. Blue	Pkt. 15c
2810. CAUCASICA HYBRIDS	Pkt. 25c

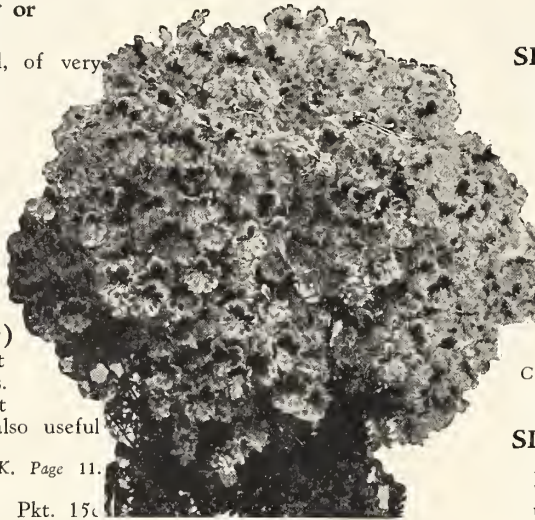
For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

SCHIZANTHUS—(Butterfly or Fringe Flower)—(An)—

A beautiful half hardy annual, of very graceful habit. The flowers are butterfly-shaped, or rich and varied colors, and completely cover the plant.

CULTURAL DIRECTIONS—See Para. D, Page 11. Height 2 ft.

2823. WISETONENSIS. A white spotted rose, fine for pots.	Pkt. 15c
2830. MIXED COLORS	Pkt. 10c



SCHIZANTHUS

SEDUM—(Stonecrop)—(Per)

A fine hardy rock garden plant having beautiful yellow flowers. No rockery is complete without this favorite plant, and it is also useful for garden edgings.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 9-12 in.

2838. ACRE	Pkt. 15c
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For PLANTS of above to bloom this year see Perennial Section Nursery Catalog



STATICE

SIDALCEA—(Per)—

Erect growing, branching plants, producing numerous miniature Hollyhock-like spikes of a pretty clear, rose shade.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4 ft.

2843. ROSE QUEEN	Pkt. 15c
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SILENE—(Catch Fly)—(An)

Bright double flowers produced in great abundance on dwarf compact plants. Excellent for borders, masses and carpet bedding.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 5 in.

2860. MIXED COLORS	Pkt. 10c
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SILENE—(Per)—

A plant of floriferous, trailing habit, with rosy magenta flowers. Much used for rockeries.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 8 in.

2856. SCHAFTA	Pkt. 15c
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SMILAX—(Per)—

A graceful climber for the greenhouse or window on account of its charming, glossy green, graceful foliage.

CULTURAL DIRECTIONS—See Para. O, Page 11.

2863	Pkt. 10c
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STATICE SINUATA—(Sea Lavender)—(An)—

An everlasting flower deserving far greater popularity. Large sprays of small, bright flowers which keep their color when dried and make fine winter bouquets.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 3 ft.

2873. BLUE	Pkt. 10c	2875. PINK	Pkt. 10c
2874. DARK BLUE	Pkt. 10c	2876. YELLOW	Pkt. 10c
2880. MIXED COLORS	Pkt. 10c; 1/2 oz. 50c		

STATICE—(Per)—

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 3 ft.

2883. DUMOSA. Dense cushions of pure, silvery-gray flowers. New. Quite a distinctive novelty	Pkt. 50c
2886. LATIFOLIA. Small, light blue flowers	Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

SALPIGLOSSIS—(Painted Tongue)—(An)—

Few annual flowers contribute such a wealth of bloom from summer until cut down by frost. It is only of recent years that American gardeners have become better acquainted with this delightful annual. As a cut-flower it has become highly prized. The funnel-shaped flowers, facing upward, revealing their exquisite markings of either gold or silver veins running through the groundwork of the flowers, and their orchid-like appearance, make them instant favorites.

CULTURAL DIRECTIONS—See Para. A or C, Page 11. Height 2 ft.

2760. EMPEROR MIXED	Pkt. 10c; 1000 seeds 50c
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STOCK—(An)—

These are one of the most popular annuals, for bedding or pot culture; for brilliancy of color, fragrance, profusion, and duration of bloom it is unsurpassed.

CULTURAL DIRECTIONS—See Para. C or D, Page 11. Height 1 ft.

TEN WEEK, DWARF, LARGE FLOWERED.

2893.	APPLE BLOSSOM PINK	Pkt. 10c
2894.	CREAM	Pkt. 10c
2895.	CRIMSON	Pkt. 10c
2896.	DARK BLUE	Pkt. 10c
2897.	LIGHT BLUE	Pkt. 10c
2898.	ROSE	Pkt. 10c
2899.	WHITE	Pkt. 10c
2900.	MIXED COLORS	Pkt. 10c; 1000 seeds 50c
2901.	COLLECTION. 1 pkt. each of above 7 colors.....	50c

TEN WEEK, TALL (Cut and Come Again).

2910.	MIXED COLORS	Pkt. 10c; 1000 seeds 50c
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BEAUTY OF NICE. A magnificent strain of mammoth flowering stocks, forming much branched plants and having numerous spikes of double fragrant flowers. This type is actually a Biennial, but is only used in this section as an Annual, therefore it is listed as such. 2 feet.

2912.	BEAUTY OF NICE SHELL PINK. A popular shell-pink with enormous spikes	Pkt. 10c
2913.	COTE D'AZURE. Delicate light violet flowers; very showy and attractive	Pkt. 10c
2914.	MONT BLANC. Most beautiful large white flowers, much used for cutting	Pkt. 10c
2915.	MONTE CARLO. Clear, canary yellow	Pkt. 10c
2916.	ROSE OF NICE. Beautiful rosy mauve	Pkt. 10c
2917.	SOUVENIR de MONACO. Brilliant crimson..	Pkt. 10c
2920.	MIXED COLORS	Pkt. 10c; 1000 seeds 50c
2921.	COLLECTION. 1 pkt. each of above 6 colors.....	50c

SWEET WILLIAM—(Dianthus Barbatus)—(Per)

Sweet Williams are as important for the garden in the early summer as are Antirrhinums and Asters in the later months, and make possible at a somewhat difficult period of the year brilliant bedding effects on a large scale, equal to those obtained with Antirrhinums or Wallflowers. A bed of mixed colors always proves very striking, but those who prefer to have various shades of pink and scarlet would be delighted with a large bed composed of any one of the under-mentioned varieties.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 18 in.

2933.	SINGLE DARK CRIMSON	Pkt. 10c
2934.	SINGLE NEWPORT PINK	Pkt. 10c
2935.	SINGLE SCARLET BEAUTY	Pkt. 10c
2940.	SINGLE MIXED	Pkt. 10c; 1000 seeds 50c
2950.	DOUBLE MIXED	Pkt. 10c; 1000 seeds 50c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



SWEET WILLIAM



STOCKS—Mammoth Brompton

STOKESIA—(Per)—

A beautiful hardy plant for herbaceous borders. As a single specimen or grouped in masses, it is equally attractive. The flowers, 4-5 inches across, on long stems, are valuable for cutting.

CULTURAL DIRECTIONS—See Para. H, Page 11. Height 18 in.

2927.	CYANEA BLUE	Pkt. 10c
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For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

SWEET ROCKET—(Hesperis)—(Per)—

An old-fashioned, fragrant flower which is of easy culture, clusters of white and purple flowers.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 2-3 ft.

2930.	MIXED COLORS	Pkt. 10c
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THALICTRUM DIPTEROCARPUM—(Meadow Rue)—(Per)—

Fine fern-like foliage with tall flower heads of lilac-mauve, lemon-yellow stamens and anthers.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

2955	Pkt. 20c
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For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

THUNBERGIA—(Black Eyed Susan)—(An)—

Beautiful, rapid-growing climber, preferring a warm, sunny situation; used for hanging baskets, vases, low fences, etc., flowers in buff, white, orange, etc., with dark eyes.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 10-12 ft.

2964.	MIXED COLORS	Pkt. 10c
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TRITOMA—(Red Hot Poker)—(Per)—

These are popularly known as "Torch Lilies," "Red-Hot-Poker," or "Flame Flowers," and are among our showiest hardy plants, producing the brightest flowers of the autumn garden. The effect of a bold group of these lovely flowers is remarkably distinctive and handsome.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 1½-6 ft.

2975.	MIXED HYBRIDS	Pkt. 10c
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For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

TROLLIUS—(Globe Flower)—(Per)—

Giant bright yellow, buttercup-like blossoms from May until August; succeeds best in half shady positions.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 1-2 ft.

2983.	ORANGE GLOBE	Pkt. 25c
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For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

TROPAEOLUM SPECIOSUM—(An)—

Beautiful, hardy climber belonging to the Nasturtium family. Of vigorous growth and covered with brilliant scarlet flowers. It revels in a cool, damp, shady situation. Actually, this plant is a perennial, but we advise its use as an Annual here; therefore, we have listed it as such.

CULTURAL DIRECTIONS—See Para. C, Page 11. Height 15 ft.

2986 Pkt. 25c

TUNICA SAXIFRAGA—(Coat Flower)—(Per)—

A low growing rockery plant with very slender foliage and producing innumerable tiny star-like pale pink flowers which completely cover the ground.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4-6 in.

2992. SAXIFRAGA Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

VALERIANA—(Centranthus or Garden Heliotrope)—(Per)—

Hardy plants producing large heads of showy flowers; fine for bouquets.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

3004. BRIGHT ROSE Pkt. 10c

3005. PINK Pkt. 10c

3006. WHITE Pkt. 10c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

VERBENA—(An)—

Verbena is a half hardy Perennial which is used in this section only as an Annual because it is not certain to stand the winter. The Lemon Scented and Venosa Varieties, however, are considered to be perfectly hardy west of the Cascades.

For garden beds and massing, these Verbenas are unrivaled; flowers of the most brilliant colors produced continually from spring until late in the autumn.

CULTURAL DIRECTIONS—See Para. C, Page 11. Height 1 ft.

MAMMOTH FLOWERED VARIETIES. The trusses of this distinct and beautiful race of Verbenas, which was introduced a few years ago, average 9-12 inches in circumference, and the individual florets on properly grown plants, over 1 inch across—or larger than a 25c piece. They bloom freely, are vigorous in growth and contain beautiful new colors and shades.

3015. **GOLDEN QUEEN.** As in Asters, a clear Golden Yellow is very difficult to produce in Verbena, but after several years, growers have succeeded in developing **GOLDEN QUEEN.** The flowers are of medium size and borne on a vigorous vine that is of an ever-bearing nature. It is one of the earliest of flowers and continues to develop throughout the growing season, making it a very valuable plant for bedding purposes where a good yellow is required. It is the deepest yellow on the market..... Pkt. 15c

3014. **SALMON PINK** Pkt. 10c

3016. **SCARLET** Pkt. 10c

3017. **PINK** Pkt. 10c

3018. **STRIPED** Pkt. 10c

3019. **PURPLE** Pkt. 10c

3022. **WHITE** Pkt. 10c

3030. **MIXED** Pkt. 10c; 1000 seeds 50c

3031. **COLLECTION.** 1 pkt. ea. of above 7 colors (including Golden Queen) 60c

ERINOIDES. (Moss Vervena). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries it is highly desirable.

3033 Pkt. 10c

VENOSA. Deep, lilac flower. Fine for groups, edgings.

3038 Pkt. 10c

LEMON SCENTED. (ALOYSA). Pot plant. This favorite old sweet-scented perennial may be raised from seeds if sown in slight heat in the spring.

3035 Pkt. 10c



VISCARIA

VERBASCUM—(Mullein)—(Per)—

The charming sprays of flowers in white, pink, pale blue, dark blue, mauve and purple, produced by Verbascum Phoeniceum make this subject as useful in the herbaceous border as for pot work. It is especially serviceable as a foreground plant, and in favorable seasons will give a succession of bloom from June to September.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 3 ft.

3013. **PHOENICEUM HYBRIDS** Pkt. 10c

VERONICA—(Speedwell)—(Per)—

This plant has become very popular, especially for the hardy border. It is covered all summer with spikes of bright blue flowers, which are highly desirable in the garden.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 18 in.

3047. **SPICATA** Pkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog

VINCA—(Periwinkle)—(An)—

These bright attractive plants with their dark green glossy leaves and beautiful large flowers, branch freely, making compact bushes which during the later part of summer and fall are covered with blooms.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 15 in.

3043. **ROSEA MIXED** Pkt. 10c

VIRGINIAN STOCK—(An)—

This plant is known both under the name of "Cherianthus Maritimus" and "Malcolmia Maritima." It is an early flowering, edging and border plant; bearing in profusion small, showy flowers.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 6 in.

3055. **MIXED COLORS** Pkt. 10c; 1 oz. 25c

VISCARIA—(An)—

Very free-blooming annuals, closely allied to the *Lychnis*; they form compact plants and are covered from early summer till fall with bright flowers, shaped somewhat like a Single Pink.

CULTURAL DIRECTIONS—See Para. A, Page 11. Height 1 ft.

3063. **ROSY GEM.** Entirely new. Very bright rose New color Pkt. 20c

3064. **BLUE GEM.** A new color of recent introduction. New Pkt. 20c

3070. **MIXED COLORS** Pkt. 10c; 1000 seeds 25c

VIOLA—(Tufted Pansy)—(Per)—

Violas are indispensable for spring gardening, and if the dead blooms are regularly removed the plants will continue to flower profusely until late in autumn. This valuable perennial plant is perfectly hardy, and may be grown in the same manner as Pansy.

CULTURAL DIRECTIONS—See Para. K, Page 11. Height 4 in.

CORNUTA—Bedding Varieties.

3103. ADMIRATION. Large, dark blue.... Pkt. 10c
 3104. ARDWELL GEM. Large, chrome yellow Pkt. 10c
 3105. BLACK PRINCE. Deepest blue-black..Pkt. 10c
 3106. BLUE PERFECTION. Light, bright blue Pkt. 10c
 3107. ROSE QUEEN. Rosy lavender Pkt. 10c
 3108. WHITE PERFECTION. Clear white..Pkt. 10c
 3110. MIXED COLORS.....Pkt. 10c; 1000 seeds 50c
 3111. COLLECTION. 1 pkt ea. of above 6 colors, 50c

JERSEY GEM or BLUE GEM We believe this to be

New one of the most praiseworthy novelties introduced within recent years. Blue Gem is a true perennial, and possesses a very vigorous drought-resisting constitution. The flowers, which have the appearance of large single violets, are produced on six-inch stems and in color are a pleasing shade of violet blue. It is one of the most persistent blooming plants in cultivation. If not permitted to go to seed it will produce quantities of flowers from May to frost. Thrives as well in partial shade as in sunny locations.

- 3114 Pkt. 25c

MINIATURE VARIETIES FOR ROCKERIES

3122. CORNUTA ROSEA. Lavender rose..Pkt. 15c
 3123. BOSNIACA. Small, deep purplePkt. 15c
 3132. GRACILIS PURPLE ROBE. Bright purple. Pkt. 15c

ODORATA—SWEET SCENTED VARIETIES.

3143. THE CZAR. A new type, larger in flower and
New more fragrant than any other variety grown.
 Exceptionally strong stems, suitable for cutting
 Deep purple color.....Pkt. 25c

3145. ODORATA SEMPERFLORENS (Sweet Violet) Pkt. 15c

For PLANTS of above to bloom this year see Perennial Sec. Nursery Catalog



VIOLA—Jersey Gem

WALLFLOWER—(Bi)—

A well known and exceptionally useful early spring bedding plant. A very fine show is made by edging a bed of these with either Myosotis or Ageratum. This plant is actually a Perennial, but becomes so straggly that it is only used as a Biennial.

CULTURAL DIRECTIONS—See Para. F, Page 11. Height 18 in.

SINGLE VARIETIES.

3152. CLOTH OF GOLD. Golden Pkt. 10c
 3153. FIRE KING. Orange Pkt. 10c
 3154. MASCOTT. Clear yellow Pkt. 10c
 3155. PURPLE QUEEN. Single purple Pkt. 10c
 3156. ROSE QUEEN. Rose Pkt. 10c
 3157. RUBY GEM. Ruby red Pkt. 10c
 3158. VULCAN. Blood red Pkt. 10c
 3160. SINGLE MIXED Pkt. 10c
 3161. COLLECTION. 1 pkt. ea. of above 7 colors, 50c

DOUBLE VARIETIES.

3170. DOUBLE MIXED Pkt. 15c

WILD FLOWER SEED MIXTURE—

A mixture of the easiest and surest growing flowers for naturalizing or filling in waste places. Will give continuous blooms from early spring to late fall.

CULTURAL DIRECTIONS—See Para A, Page 11. Height varies

- 3300 1 oz. 25c
 ¼ lb. 75c; 1 lb. \$2.00

XERANTHEMUM — (Everlasting)—(An)—

One of the prettiest and most satisfactory of the Everlastings, bearing purple, bright rose and white flowers.

3183. MIXED COLORS
 Pkt. 10c



VIOLA

The Zinna is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite, and is now enjoying a wide popularity not only for garden decoration, but also for cutting. The taller sorts are used for bedding and the dwarf for borders and edging. Hitherto Zinnas have been considered by some too stiff and formal for general garden purposes. The newer varieties listed below have overcome this. The immense double blooms of the new Dahlia Flowered type make a gorgeous show when massed in a large bed. Even the single flowers, some of which are occasionally found among the doubles, are of great beauty.

GIANT DAHLIA FLOWERED.

The remarkable results obtained with this improved type has fully substantiated the claims advanced by us for this new type. The plant is striking and spectacular in appearance and distinctly bespeaks its vigor and sturdy growth, reaching a height of from 3 to 4 feet. The large magnificent blooms that greatly resemble decorative Dahlias and average from four to five inches across, are borne on strong stems, clear of foliage, which makes them very desirable for cut flowers as well as garden decoration.

The five varieties marked * are illustrated on the front page.

- | | | | |
|---------|---|----------------------------|--------|
| * 3302. | BUTTERCUP. A rare shade of deep creamy yellow. | Pkt. 20c | |
| * 3303. | CRIMSON MONARCH. The largest and best deep red. | Pkt. 20c | |
| * 3304. | DREAM. A fine, deep lavender turning to purple | Pkt. 20c | |
| * 3305. | EXQUISITE. Light rose with center a deep rose | Pkt. 20c | DOUBLE |
| * 3306. | GOLDEN STATE. Very rich orange, deepening as the blooms age | Pkt. 20c | An |
| 3307. | POLAR BEAR. Large, pure paper white | Pkt. 20c | like |
| 3308. | OLD ROSE. Large, real old rose shade | Pkt. 20c | habits |
| 3309. | SCARLET FLAME. Dazzling scarlet. | Pkt. 20c | 33 |
| 3310. | MALMO'S SPECIAL GOLD MEDAL MIXTURE. A well-balanced blend of all the above varieties | Pkt. 20c; 500 seeds \$1.00 | 33 |
| 3311. | COLLECTION. 1 pkt. each of above 8 colors | \$1.25 | |
| 3321. | SPECIAL COLLECTION. 1 pkt. each of 5 colors as shown on the front cover, and marked above with star | 75c | SINGLE |
- Large
flower
33

DESIR
DOU
New

A special strain of this grand old favorite, which produces flowers of colossal size, specimens measuring 5-6 inches across being not unusual.

- | | | | |
|-------|---|-------|--------|
| 3322. | CRIMSON | 3325. | PINK |
| 3323. | GOLDEN YELLOW | 3326. | PURPLE |
| 3324. | ORANGE | 3327. | VIOLET |
| | 3328. | WHITE | |
| | Each of the above Pkt. 10c; 500 seeds 50c. | | |
| 3330. | MIXED COLORS | | |
| | Pkt. 10c; 500 seeds 50c; 1 oz. \$1.00 | | |
| 3331. | COLLECTION. 1 pkt. ea. of above 7 colors, 50c | | |

The plants are compact and are covered with a multitude of flowers during summer and fall.

3343. CANARY YELLOW 3346. ORANGE
3344. DARK SCARLET 3345. FLESH PINK
3347. SALMON ROSE
Each of the above Pkt. 10c; 500 seeds 50c.
3350. MIXED COLORS
Pkt. 10c; 500 seeds 50c; 1 oz. \$1.00



ZINNIA

An exceedingly attractive type having small double flowers like Pompom Dahlias, on long stems. Plants of compact habit—about 15 inches. Useful for borders and ribbon beds.

3353. CANARY YELLOW 3355. SALMON ROSE
3354. GOLDEN GEM 3356. SCARLET GEM
Each of the above Pkt. 10c; 500 seeds 50c.
3360. MIXED COLORS
Pkt. 10c; 500 seeds 50c; 1 oz. \$1.00

Large, single flowers of good habit. Mostly used for cut flowers.

3370. MIXED COLORS
Pkt. 10c; 500 seeds 50c; 1 oz. \$1.00

DOUBLE GIANT PICOTEE. This variety is one of a remarkable new and distinct class of Zinnias, producing double flowers, measuring from 4-6 inches in diameter, in the following colors: Orange, yellow, flesh, and pink, each petal being tipped with a dark chocolate or maroon shade, giving the flowers a very pleasing appearance, resembling a Picotee Carnation.

3383. MIXED COLORS Pkt. 20c
ACHIEVEMENT GIANT DOUBLE QUILLED.
New (*Elegans Robusta Grandiflora*). This is distinct
 from all other Zinnias hitherto raised, by the shape
 of its petals, which are partially tubular at the base,
 and expand in a cactus-like form toward the tip,
 thereby displaying a rich variety of color, mostly
 of the warmer shades, such as pale rose, deep
 rose, salmon, lilac, scarlet and coppery golden
 yellow.
 3375 Pkt. 20c

is the ideal fertilizer for
GIANT ZINNIAS



The **Big-4** Aids to Successful Gardening Which Should Always be on hand



"FERTIL-GRO" ... Your Garden

No one better than the first-class gardener realizes the necessity of continually replacing the plant foods in the soil which are constantly being used up by growing crops. By a careful balancing of the various necessary fertilizers, we have prepared a plant food which yields the nutriment, which it contains, only as the plants require it. Therefore, it is both effective and lasting. (See also page 77.)

5 lbs. 25c; 10 lbs. 45c; 20 lbs. 85c
50 lbs. \$2.00; 100 lbs. \$3.50



Sure Death to Plant Insects. Will Not Injure the Most Tender Plants. Spray your plants the new safe way.

EFFECTIVE against Cucumber and Melon Beetles, Cabbage Worms, Rose Slugs, Aphis, Leaf Hoppers, and most other plant insects, including cutworms.

NON-POISONOUS—EVER GREEN is harmless to man, live stock, birds and pets. Kills only insects. Eliminates washing of fruits and vegetables before marketing.

NON-INJURIOUS—Won't burn or injure the tenderest crops. Can be used on celery and roses. Doesn't injure the soil in any way.

NO DETERIORATION—When undiluted EVERGREEN retains its strength indefinitely.

1 1/2 oz. bottles	\$0.35
6 oz. bottles	1.00
16 oz. bottles	2.00
32 oz. bottles	3.85

Mailable. (See also page 80)



TREAT BEFORE PLANTING WITH **SEMESAN** FOR DISEASE PROTECTION

A Seed and Bulb Disinfectant for Disease Protection.

The name of DU-PONT-BAYER, the makers, should be sufficient reason for using this wonderful mercuric preparation which combats fungus, damping off and controls disease. Use as a dressing for seeds and also for tubers such as dahlia, canna and bulbs of all kinds. Write for illustrated leaflet. (See also page 80). Not



mailable 2 oz. tin 50c
1 lb. tin \$2.75



DUSTCOTE

It is NECESSARY To Add Nitrogen To Your Soil.

This new DRY legume Inoculator is so easy to apply. The old messy method of application by using water is quite out of date. "Dust-Cote" is just dusted on the seed and sticks. It is clean and handy. Use it on Peas, Beans, Sweet Peas and all other legumes. Simple directions are printed on every package. (See also page 80). Mailable. Combination Garden Size.....15c



VEGETABLE SEEDS

It has been our endeavor at all times to list only such varieties of Vegetable Seeds as, from our tests, have shown that they are of superior merit. We would especially draw to your attention MALMO'S Five NEW Varieties—Beet, Cabbage, Carrot, Lettuce, and Radish, which have all been named



DELICACY



a name which truly describes these important additions to an already select list. No vegetable garden will be considered complete without them, once our customers appreciate their true value, and realize what great improvements are being offered annually in vegetable seeds.

The cultural directions given on the following pages are for growing Vegetables West of the Cascades. Persons living in the Eastern part of Washington, or in any other part of the country, may write to us for any cultural information they may need. This is part of MALMO'S service to you, and all inquiries addressed to VEGETABLE SEED DEPARTMENT will receive instant attention.

PLANTING CHART VEGETABLE SEEDS

Variety	Seed for 100 ft. row	Seed for 1 acre	Time of Planting
Artichoke, Globe..	2 pkts	12 oz. T.....	Oct. to May
Artichoke, Plants..	32 plants	3000 plants..	Dec. to April
Asparagus, Seed ..	1 oz.	2 lbs T.....	Feb. to May
Asparagus, Plants..	32 plants	11000 plants..	Dec. to May
Beans, Bush	1 lb.	60 lbs	Mar. to June
Beans, Pole	3/4 lb.	50 lbs	Mar. to June
Beets, Table	2 oz.	10 lbs	Mar. and Apr.
Broccoli	1 pkt.	4 oz. T.....	April to June
Brussels Sprouts...	2 pkts	4 oz	May to July
Cabbage, Early	1 pkt.	8 oz T.....	All year
Cabbage, Late	1 pkt.	8 oz T.....	All year
Carrot	1 oz.	4 lbs	Feb. to July
Cauliflower	1/4 oz.	4 oz T.....	Mar. to July
Celery	2 pkts	5 oz	April to Aug.
Celeriac	1 pkt.	6 oz	April to Aug.
Chervil	3 pkts	1 lb	Feb. to July
Chicory	2 pkts	4 lbs	Sept. to May
Chives	2 pkts	2 lbs	Sept. to Aug.
Collards	1 pkt.	8 oz T.....	All year
Corn, Salad	1 oz.	5 lbs	Feb. to Nov.
Corn, Sweet	1/2 lb.	10 lbs	April to June
Cress, Upland	1 pkt.	4 lbs	All year
Cucumber	2 pkts	2 lbs	Mar. to Sept.
Egg Plant	1 pkt.	4 oz T.....	Jan. to Aug.
Endive	1 oz.	3 lbs	Aug. to May
Kale	2 pkts	2 lbs	All year
Kohl Rabi	1 pkt.	4 lbs	All year
Leek	1/2 oz.	4 lbs	Sept. to June
Lettuce	3 pkts	3 lbs	All year
Melon, Musk	2 pkts	1 1/2 lbs	Mar. to July
Melon, Water	1 oz.	2 lbs	Mar. to July
Mushroom	1 brick for 12 sq. ft....		June and Sept.
Mustard	1 pkt.	2 lbs	All year
Okra	1 oz.	8 lbs	Apr. to July
Onion, Seed	1/2 oz.	3 lbs	Sept. to June
Onion, Sets	2 lbs	300 lbs	All year
Parsley	1 pkt.	4 lbs	All year
Parsnip	2 pkts	6 lbs	All year
Peas	1 lb.	75 lbs	All year
Pepper	1 pkt.	6 oz T.....	Jan. to July
Potato	5 lbs	600 lbs	Dec. to July
Pumpkin	2 pkts	2 lbs	Mar. to Aug.
Radish	1 oz.	12 lbs	All year
Rhubarb	2 pkts	4 oz	Jan. to April
Salsify	1 oz.	8 lbs	Feb. to Oct.
Spinach	1 oz.	20 lbs	All year
Squash	2 pkts	2 lbs	Feb. to June
Tobacco	1/4 oz.	2 oz T.....	May to July
Tomato, Seed	1 pkt.	3 oz T.....	Feb. to June
Tomato, Plants	35 plants	3000 plants..	Mar. to July
Turnip	2 pkts	4 lbs	All year
Rutabaga	2 pkts	3 lbs	All year

NOTE—T in the quantity column indicates varieties to be sown in hot bed and transplanted



MALMO PAYS THE POSTAGE



COLLECTIONS OF MALMO'S VEGETABLE SEEDS

These collections are made up of varieties of known merit, all of which are particularly suited to the district West of the Cascades. For our customers in Eastern Washington and Oregon, we automatically vary the varieties to suit the particular section in which they are to be grown. They have been selected in quantities for the allotted garden space, to produce a continuous supply of delicious high-quality vegetables throughout the entire season. By buying a collection, a busy gardener can save both time and money.

Malmo's KITCHEN GARDEN Collection of Vegetables

A Complete Vegetable Garden
50 ft. x 50 ft.

1 lb. Beans, Bush Green .....	.35
1 lb. Beans, Bush Yellow .....	.35
1 pkt. Beans, Pole Green .....	.10
1 oz. Beets .....	.15
1 oz. Carrot .....	.15
1 pkt. Cabbage .....	.05
1 pkt. Cauliflower .....	.05
1 pkt. Celery .....	.05
1/2 lb. Corn .....	.20
1 pkt. Cucumbers .....	.05
1 oz. Lettuce .....	.20
1 oz. Onions .....	.30
1 pkt. Parsnip .....	.05
1 pkt. Parsley .....	.05
1 lb. Peas, Dwarf .....	.35
1 lb. Peas, Tall .....	.35
1 oz. Radish .....	.15
1 oz. Spinach .....	.15
1 pkt. Pumpkin .....	.05
1 pkt. Squash .....	.05
1 oz. Turnip .....	.15

3.35

COLLECTION, **\$2.50**
Postage Paid

Malmo's HOME GARDEN Collection of Vegetables

Comprising 1 pkt. of each of the following
20 vegetables.

Beans, Bush Green .....	.10
Beans, Pole Green .....	.10
Beet .....	.05
Carrot .....	.05
Cabbage .....	.05
Celery .....	.05
Corn .....	.10
Cucumber .....	.05
Kale .....	.05
Leek .....	.05
Lettuce .....	.05
Onion .....	.05
Parsley .....	.05
Parsnip .....	.05
Peas, Early .....	.10
Peas, Maincrop .....	.10
Pumpkin .....	.05
Spinach .....	.05
Squash .....	.05
Turnip .....	.05

1.25

COLLECTION, **\$1.00**
Postage Paid

Bountiful Crops

reward users of Malmo's Garden

Fertil-Gro

A scientific fertilizer that assures maximum yield. Especially adapted for use on vegetables, fruits, flowers and roses. It yields the plant nutriment only as the plants require it, being lasting and effective. *Fertilgro* promotes rapid growth and maximum crop.

See Fertilizer Department, pages 76, 77





ASPARAGUS

ASPARAGUS

Asparagus may be grown in almost any soil or situation, but special success is attained in thoroughly enriched, deeply dug sandy loam. Beds cared for improve with age, lasting for many years. Asparagus may be grown from seed, but as it should not be cut before it is three or four years old, time is saved by buying and planting roots.

CULTURE. When growing this from seed, one ounce should be planted to about fifty feet of drill in a prepared seed bed of good rich soil. The plants, when two or three years old, should be moved to the ultimate bed. For full particulars on preparation of the bed, see page 64.

205. CONNOVERS COLOSSAL. A mammoth bright green sort, the tips of which are often tinged purple. Very tender and of good quality—quite the best of the old standard kindsPkt. 5c; oz. 15c; ¼ lb. 45c

207. PALMETTO. An early green variety for home or marketPkt. 5c; oz. 15c; ¼ lb. 45c

209. *New* MARTHA WASHINGTON. Some varieties of Asparagus seem to be afflicted with rust, but Martha Washington Asparagus—developed under the auspices of the United States Agricultural Department—is declared to be peculiarly immune from this disease. The shoots are of giant size, very vigorous, straight, and what is still more important, of extra good quality

Pkt. 10c; oz. 25c; ¼ lb. 75c

ASPARAGUS ROOTS. See page 64.

ARTICHOKE

A perennial plant cultivated for its flower heads, which are picked before the flower opens and served boiled. The young suckers are sometimes blanched and tied together, cooked and served in the same manner as Asparagus.

CULTURE. Sow seeds indoors and pot up similar to tomatoes, setting out in May in rows three feet apart, leaving two-three feet between the plants. Some flower-buds may be had the first year. Cover with ashes and leaves in winter for safety. Usually bears best the second year.

202. GREEN GLOBEPkt. 10c; oz. \$1.00

JERUSALEM ARTICHOKE ROOTS. See page 64.

BRUSSELS SPROUTS

Used in the fall and early winter. Plant resembles the cabbage, the edible part being the numerous very small heads or sprouts formed on the stalk at each leaf joint. This is a delicious vegetable, and is greatly improved by first frosts.

CULTURE. Sow in May in shallow drills, one inch deep and twelve inches apart. Transplant in July. When the crown, or top sprout is beginning to head, pinch it out, to admit of the whole strength being thrown into the side shoots.

250. IMP. HALF DWARF. The plants are half dwarf, growing about 1½-2 feet high. They are very hardy and produce compact, rounded green sprouts of good size and fine quality.....Pkt. 5c; oz. 40c

BROCCOLI

HEADING VARIETIES.

The heads resemble cauliflower and the culture is the same. Broccoli is well adapted to those sections where the season is long, cool and rather moist. It withstands greater extremes of temperature than cauliflower.

CULTURE. Seed should be planted in early summer in shallow drills, one inch deep and twelve inches apart. Transplant end of July.

240. EARLY LARGE WHITE FRENCH. Very hardy; heads are white, compact, hard and good quality. Pkt. 5c; oz. 75c

242. ST. VALENTINE. Best for early spring crop. Solid, white heads of immense size, ready in February Pkt. 10c; oz. \$1.25

BROCCOLI

SPROUTING VARIETIES

Sprouting Broccolis have always had their place among the "Greens" in many countries. During the last few years, the Italian types have come into prominence as the result of a demand created by people who have travelled southern Europe, and realized what a delicious dish they make. An important place is destined for this succulent vegetable in the diet of the American people, not only for its tender, delicious and savory flavor, but for its ease of culture, and, most important, the fact that it is ready for cutting when no other "Green" is at its best.

The plant grows 2-3 feet high, is branching in character, and each branch terminates in a green sprout. When the green sprouts, which are actually a mass of flower buds, have developed to two or three inches across (and before the flowers appear) they are ready for use. They are served like Cauliflower. The young stems are very sweet and succulent and are bunched and cooked like Asparagus. The young leaves are cooked like turnip tops or Kale.

CULTURE. For an early crop, start the seed in a cold frame and transplant seedlings in the open ground when danger from frost is past. For late crop, start seed in the open ground during the summer months.

244. ITALIAN GREEN SPROUTINGPkt. 10c



The Scientific
Fertilizer
Efficient
for all Garden Crops

BEANS

BUSH BEANS GREEN PODDED VARIETIES

STRINGLESS.

4. **BOUNTIFUL.** The earliest and heaviest cropping of all flat podded varieties. It is in great demand; for its tender "snap" brittle quality is retained even to maturity. The vine is vigorous and rustless
Pkt. 10c; lb. 40c; 10 lbs. \$3.50
8. **DWARF HORTICULTURAL.** (Speckled Cranberry). Absolutely stringless. Desirable for slicing when young. Pods medium length, broad, thick and splashed with red. Used either green or shelled
Pkt. 10c; lb. 35c; 10 lbs. \$2.75
22. **STRINGLESS GREEN POD.** The earliest and hardest of all round green-podded sorts, large, handsome, very productive. Pods perfectly round, straight, tender, brittle, finest flavor and entirely stringless
Pkt. 10c; lb. 35c; 10 lbs. \$2.75

STRING VARIETIES.

6. **CANADIAN WONDER.** A hardy variety which does not mature as quickly as the varieties marked earlyPkt. 10c; lb. 35c; 10 lbs. \$2.75
12. **LONGFELLOW Early.** Long round green pods, solid, fleshy and exceedingly tender; no strings unless pods are quite old....Pkt. 10c; lb. 35c; 10 lbs. \$2.75
15. **RED VALENTINE.** Round pod. Early. Medium length, very fleshy, tender and of good flavor
Pkt. 10c; lb. 35c; 10 lbs. \$2.75
19. **REFUGEE OR 1000 to 1.** Pods nearly round, pale green, fleshy, brittle and mild flavor, with slight stringsPkt. 10c; lb. 35c; 10 lbs. \$2.75
25. **YELLOW SIX WEEKS.** An improved strain with tender, fleshy round pods; very productive
Pkt. 10c; lb. 35c; 10 lbs. \$2.75
33. **WHITE MARROW OR NAVY.** Seeds small white. Very prolific. Our stock of this well-known variety has been carefully selected, and is recommended as a high-quality shell or dried bean
Pkt. 10c; lb. 35c; 10 lbs. \$2.75

WAX OR YELLOW PODDED VARIETIES

42. **BLACK-SEEDED BRITTLE WAX.** The earliest wax bean; pods tender and stringless
Pkt. 10c; lb. 35c; 10 lbs. \$2.75
45. **DAVIS WAX.** The most hardy and productive wax bean. Pods long, white, straight, crisp, and tender. Vine rustless and vigorous. Seeds white, excellent for baking and canning....Pkt. 10c; lb. 35c; 10 lbs. \$2.75
47. **IMP. GOLDEN WAX.** One of the earliest and best. Plants erect, compact and very productive. Pods of medium size, broad, flat, golden yellow, very fleshy
Pkt. 10c; lb. 35c; 10 lbs. \$2.75

POLE BEANS

82. **DUTCH CASE KNIFE.** Pods very large, flat. Seeds broad, clear white and of excellent quality
Pkt. 10c; lb. 35c; 10 lbs. \$2.75
84. **KENTUCKY WONDER.** (Old Homestead). An improved sort of this well-known bean.
Pkt. 10c; lb. 35c; 10 lbs. \$2.75
85. **LAZY WIFE.** Green-Pod. The best late, green-podded Pole Bean. Pods medium dark green; broad, thick, very fleshy and entirely stringless
Pkt. 10c; lb. 35c; 10 lbs. \$2.75
87. **TALL HORTICULTURAL.** (Speckled Cranberry). Vines vigorous. Pods short, broad, green, streaked with bright red. An old and popular sort, used as green podded "snap" bean or cooked when shelled
Pkt. 10c; lb. 35c; 10 lbs. \$2.75
92. **KENTUCKY WONDER WAX.** Very similar to the green podded Kentucky Wonder; stringless; extra early and very hardy....Pkt. 10c; lb. 35c; 10 lbs. \$2.75
96. **SCARLET RUNNER.** Rapid growing, bearing sprays of brilliant scarlet pea shaped blossoms. Pods, when young, are used either as a "snap" bean or for slicing. Very desirable for ornamental purposes
Pkt. 10c; lb. 45c; 10 lbs. \$4.00



BEAN—Stringless Green Pod

LIMA BEANS

63. **BURPEE'S BUSH LIMA.** (Dwarf). Very large pods, excellent flavor. Seeds greenish white
Pkt. 10c; lb. 40c; 10 lbs. \$3.50
66. **HENDERSON'S BUSH LIMA.** (Dwarf). Usually known as "THE BABY LIMA." Fully two weeks earlier than any other variety, therefore especially recommended for the Puget Sound District.
Pkt. 10c; lb. 40c; 10 lbs. \$3.50
79. **LARGE WHITE POLE LIMA.** (King of the Garden). A vigorous grower. Of good size and a flavor that is unsurpassed. Does not always mature in this sectionPkt. 10c; lb. 40c; 10 lbs. \$3.50
37. **BROAD WINDSOR.** Does particularly well in the Pacific Northwest. This variety is not sensitive to cold, and good results are only obtainable from seedings made in the early spring, on strong, retentive soilPkt. 10c; lb. 30c; 10 lbs. \$2.50

B E E T S

CULTURE. The best results are obtained by a deep, rich, sandy loam. If wanted very early sow such sorts as Crosby's Egyptian and Detroit Dark Red in hotbeds and transplant cutting off the outer leaves. For general crop sow in freshly prepared soil as soon as the ground will permit, in rows eighteen inches apart, covering about an inch deep and pressing the soil firmly over the seed. When the plants are well established thin four to six inches apart in the row. Sow 1 oz. to 50 feet.

For winter use; the turnip varieties may be sown in June or July, so as to mature late in the season. The roots are stored in a cellar and covered with sand to prevent wilting, or they may be kept outdoors in pits such as are used for potatoes.

212. **CROSBY'S EGYPTIAN.** More globe-shaped than Extra Early Egyptian, very early and of fine quality. Bright red with clear vermillion flesh
Pkt. 5c; oz. 15c; ¼ lb. 45c
214. **DETROIT DARK RED.** Roots globular; smooth with small tops; skin blood red; flesh dark purplish-red, zoned with a lighter shade; tender and sweet, splendid for canning.....Pkt. 5c; oz. 15c; ¼ lb. 45c
216. **EARLY BLOOD TURNIP.** Roots turnip-shaped, deep crimson, tender and sweet. Excellent for summer or autumn use.....Pkt. 5c; oz. 15c; ¼ lb. 45c
218. **EARLY ECLIPSE.** Makes rapid growth, quality fine, larger than Egyptian, but not as deep red
Pkt. 5c; oz. 15c; ¼ lb. 45c
220. **EX. EARLY EGYPTIAN.** Best for first early crop. Flesh dark red, zoned lighter shade; firm, crisp and tenderPkt. 5c; oz. 15c; ¼ lb. 45c
224. **HALF LONG BLOOD.** Best for winter and spring use. Excellent to slice for pickles. Deep red, half long, smooth.....Pkt. 5c; oz. 15c; ¼ lb. 45c

COW BEETS (MANGELS) AND SUGAR BEETS.
See page 66.

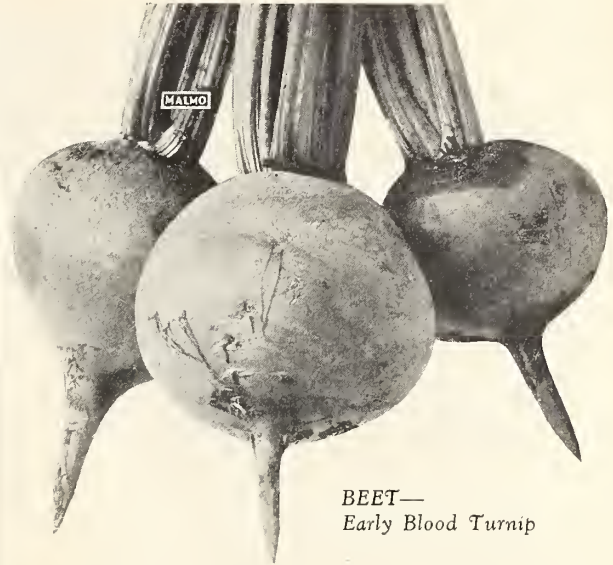


PE TSAI

WONG BOK

Chinese or Celery Cabbage

Sold in the markets on the Pacific Coast as CHARD



BEET—
Early Blood Turnip

213. **MALMO'S DELICACY.** This variety is distinct in New. appearance from all others. It is oval in shape, and extremely smooth. Roots are of medium size and uniform—just the right size for the home garden, and invaluable for canning. The foliage is small and bronzy green in color. The roots are dark red, slightly ringed, but when cooked, the rings disappear, turning the entire beet to a dark red color
Pkt. 10c; oz. 25c; ¼ lb. 75c

CHINESE OR CELERY CABBAGE

This delectable vegetable is becoming more known in this country during the last few years, and, indeed, is greatly deserving of the popularity that it is bound to attain.

Its most outstanding characteristic is its perfect **DIGESTIBILITY.** There are many people who are fond of ordinary Cabbage, but dare not eat it on account of the unpleasant after effect experienced. No such objections can be made against Chinese Cabbage and one may eat and enjoy it to the fullest extent.

COOKING. The proper way to cook this as a "Chard" is to break it into small pieces in a saucepan and cover with boiling water. Let it stand until cold, then drain and cover again with boiling water, letting it boil for 25 minutes. It may be served with a sauce if desired. It is also served, (whole or cut up), boiled like cabbage.

In the raw state, Chinese Cabbage is also very delicious. For a salad it is cut up like celery into a bowl and covered with boiling water. Let it stand a few minutes, drain and cover with cold water. In about half an hour, drain and shake until dry. Serve with any dressing preferred.

It is also very delectable used in place of cabbage for Cold Slaw.

CULTURAL DIRECTIONS. Seed should be sown about ½ inch deep in the open ground in rows eighteen inches apart. Do not plant in seed bed as plants are liable to a set-back if transplanted. Thin out plants to 15 inches apart in the rows when they are 3 inches high. Cultivate same as Cabbage. Plants mature in about 4 months. Seed should be sown in March for early crop and later for succession.

280. **PE TSAI.** Makes a head fifteen inches long and four to five inches in diameter, see illustration. This variety is used mostly as "Chard" or cooked like ordinary cabbagePkt. 5c; oz. 40c
281. **WONG BOK.** This variety has a short, thick, compact head, closely packed with delicious blanched leaves. It is used mostly for salads (see illustration).
Pkt. 10c; oz. 50c



CABBAGE—Malmo's Delicacy

CABBAGE

CULTURE. Early sorts may be sown in September and transplanted to cold frames for winter, or sow in hotbeds in January or February and move to cold frames when large enough. Second early varieties may be sown either in cold frames or out of doors in March or April. Winter sorts in May or June. Set plants in ground up to the first leaves and do this on a cool, wet day if possible. Space smaller varieties about 18 inches apart in the rows and the rows about 24 inches apart. Larger kinds 24x36 inches. To prevent heads from splitting in the field after they are matured the plants should be loosened a little at the root. One ounce of seed will produce about 2,000 plants.

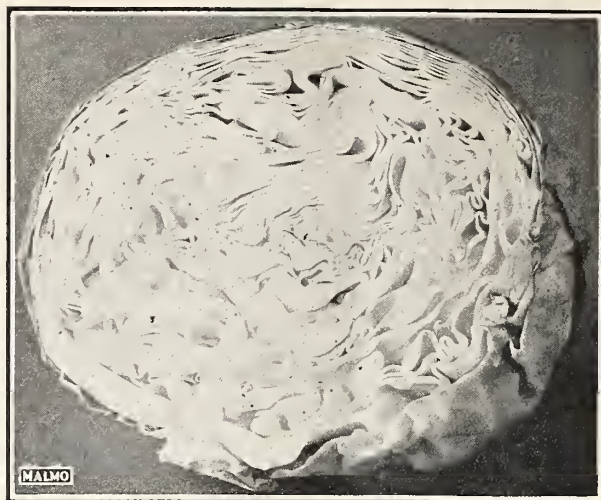
EARLY VARIETIES

257. **MALMO'S DELICACY.** An exceedingly early, round-headed variety of exceptional quality. It is very dwarf and compact, with practically no outside leaf. Sown in March, it can be cut in July or early August. It may be planted very closely in the rows. The heads are of medium size, very solid and heavy
Pkt. 10c; oz. 50c
254. **COPENHAGEN MARKET.** A round-headed variety. One of the earliest of its type; excellent quality
Pkt. 5c; oz. 35c



DANISH BALL HEAD

The head pictured above, weighing 36 lbs., was grown from our seed by Mr. Philip Wischmeyer of 2131 8th Avenue, Seattle. A dozen heads from the same 5c package of seed weighed over 20 lbs. each.



Section of Malmo's DELICACY CABBAGE

Cabbage—Early Varieties—Continued

264. **EARLY WINNINGSTADT.** Pointed head. Medium in sizePkt. 5c; oz. 35c
260. **EARLY JERSEY WAKEFIELD.** A pointed-head variety. Always first in the markets in spring. Very solid and of fine flavor; extremely hardy. On the Pacific Coast the seed is sown in fall and the plants wintered over in the open ground....Pkt. 5c; oz. 35c
267. **GOLDEN ACRE.** Round medium size head closely resembles the Copenhagen Market in type, but it is 8 to 10 days earlier. Can be planted close. Few outer leaves, very firm and hardy, will stand in the field a long time without bursting....Pkt. 10c; oz. 50c

SECOND EARLY VARIETIES

252. **CHARLESTON WAKEFIELD.** A pointed-head variety. Very similar to the Jersey Wakefield, but a few days later and half as large again....Pkt. 5c; oz. 35c
258. **EARLY FLAT DUTCH.** A valuable second early variety producing large, compact, flattened heads of good qualityPkt. 5c; oz. 35c
262. **EARLY SUMMER.** Forms large, solid, round, flattened heads of excellent quality.....Pkt. 5c; oz. 35c
266. **GLORY OF ENKHUIZEN.** A recent introduction from Holland. Valuable on account of its earliness, large size and fine keeping quality. The heads are globe-shaped, dark green and are usually solid. Tender and of excellent quality. The outer leaves set close permitting planting of more heads to the acre
Pkt. 5c; oz. 35c

LATE VARIETIES

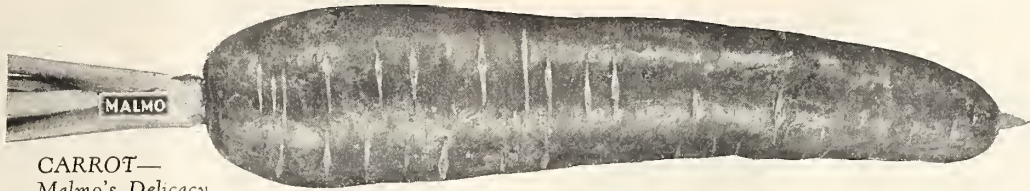
256. **DANISH BALL HEAD.** Sure heading, very solid; of good quality, and one of the very best keepers. Plants vigorous and compact, with stem of medium length. Exceedingly hardy, resisting both cold and dry weather. Heads round, medium sized, stand shipment better than any other.....Pkt. 5c; oz. 30c
268. **LATE FLAT DUTCH.** The heads are very large, distinctly flattened on the top; solid and of excellent qualityPkt. 5c; oz. 30c
270. **LARGE LATE DRUMHEAD.** Heads are large, solid and of good texture, flattened on top, but very deep
Pkt. 5c; oz. 30c
276. **MAMMOTH RED ROCK.** Late maturing, large, round; very solid and deep red. Used for cold slaw and picklingPkt. 5c; oz. 30c
272. **DRUMHEAD SAVOY.** The best variety of Savoy or crumpled leaf cabbage; sweet and delicious. Heads large and solidPkt. 5c; oz. 30c

CABBAGE PLANTS. See page 64.

CHINESE OR CELERY CABBAGE

A new and delicious vegetable.

Cooking and cultural directions, see page 49.



CARROT—
Malmo's Delicacy

— CARROTS —

CULTURE. To produce the finest crop, the land should be thoroughly manured the previous season; forked roots will result if the seed is sown on freshly manured soil. Sow the early sorts in March and April, in drills one inch deep and 14 inches apart; thin out to 4 inches. For main crop sow in May or beginning of June. Care should be taken, at all times, to see that the soil is firm over the seeds, either by means of the feet, roller, or garden drill. One ounce sows 100 ft.

287. MALMO'S DELICACY. This is a new Carrot which New. we have the pleasure of offering, as we believe it to be a first-class variety where quality is the main consideration. It is of the same type as Nantes, but considerably quicker in maturing and finer in quality. It is of the same type as Nantes, but considerably quicker in maturing and finer in quality. It is coreless and has tender, almost transparent flesh of rich red color.

Pkt. 10c; oz. 30c; ¼ lb. \$1.00

288. DANVERS HALF LONG. Two and a half to three inches in diameter at the shoulder, five to six inches long. Smooth, rich, dark orange; fine grain; best quality. Excellent for winter usePkt. 5c

oz. 15c; ¼ lb. 45c
293. NANTES. Called "coreless" on account of its tender heart; brittle, fine grained, sweet. Color reddish orange, skin smooth. Six inches long. Cylindrical and stump-rootedPkt. 5c

oz. 15c; ¼ lb. 45c
295. OXHEART. Particularly desirable for heavy soil, being about four and one-half inches long and three inches thick at the shoulder....Pkt. 5c

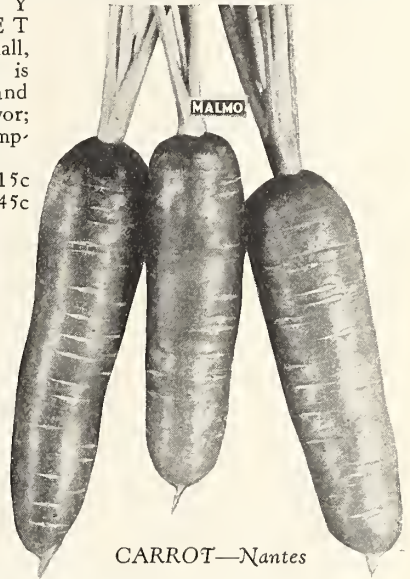
oz. 15c; ¼ lb. 45c

289. EARLY SCARLET HORN. Small, deep orange, is fine grained and agreeable flavor; short stump-shaped root.

Pkt. 5c; oz. 15c
¼ lb. 45c

286. CHANTENAY. Will average 3 inches in diameter at the shoulder, five inches in length. Flesh tender, fine grained, free from hard core; deep golden color.

Pkt. 5c
oz. 15c
¼ lb. 45c



CARROT—*Nantes*

291. LONG ORANGE. Heavy cropper in light soil. We offer selected strain of brightest orange scarlet.

Pkt. 5c; oz. 15c; ¼ lb. 45c

289. EARLY FRENCH FORCING. The earliest variety for forcing; small, globular shaped, orange red.

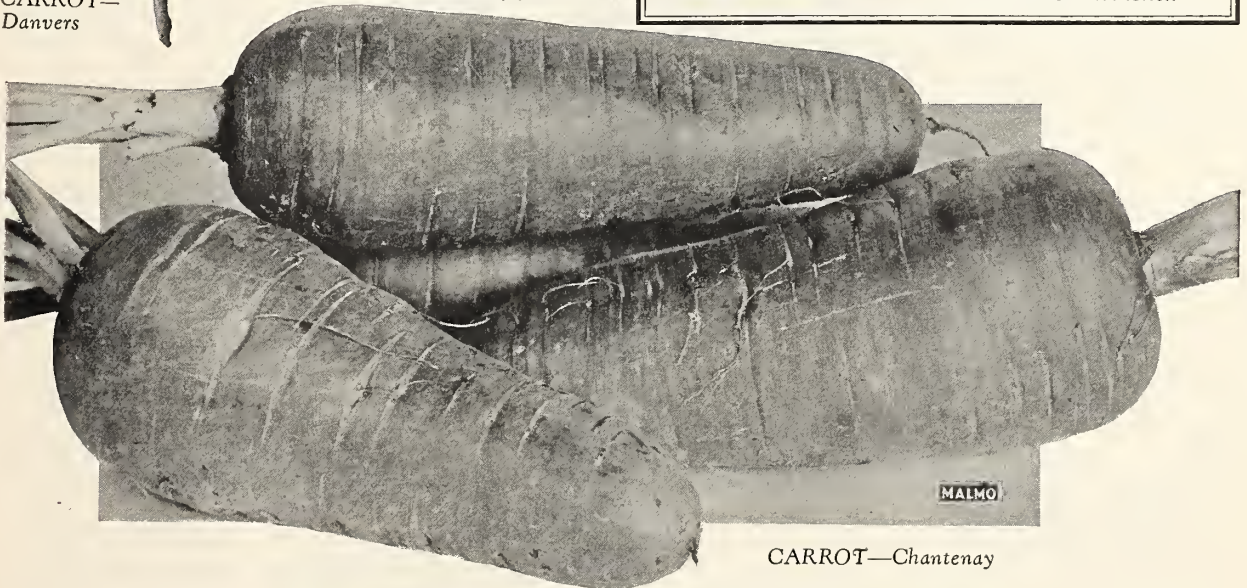
Pkt. 5c; oz. 15c; ¼ lb. 45c



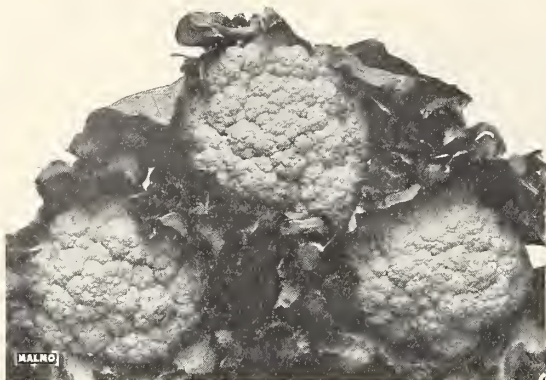
CARROT—
Danvers

To prevent Fungus
diseases on the
Young Seedlings—

TREAT BEFORE PLANTING WITH
SEMESAN
FOR DISEASE PROTECTION



CARROT—*Chantenay*

CAULIFLOWER (*Danish Giant or Dry Weather*)**CAULIFLOWER**

CULTURE. For spring and early summer use, sow in January or February in hot bed, and transplant to cold frames when sufficiently large, and to the garden as soon as ground is warm enough. Make the soil as fine as possible for transplanting, and do not allow the young plants to become checked at any time for want of water. For later autumn crops, sow in the early part of June, and transplant in July. In dry weather water freely, and as they advance in growth hoe deep and draw earth to the stem. When ready tie outside leaves over the heads loosely to protect from the sun.

301. **DANISH GIANT OR DRY WEATHER.** This variety is desirable on account of its ability to succeed under adverse conditions where more delicate varieties would succumb. It is a sure header. Larger than Snowball, is snow-white and second early. The seed is grown in Denmark especially for Malmo & Company.

Pkt. 10c; 1/4 oz. 75c; oz. \$2.25

302. **EXTRA EARLY DWARF ERFURT.** Very dwarf, early and sure to head; of good size; pure white; solid; of excellent quality....Pkt. 10c; 1/4 oz. 75c; oz. \$2.25

304. **EARLY SNOWBALL.** The most popular early variety grown. There is a vast difference in the strains of this variety offered, but we offer the best imported stock. Will make uniformly fine heads even under adverse conditions.....Pkt. 10c; 1/4 oz. 75c; oz. \$2.25

305. **LARGE LATE ALGIERS.** Sure to head. Plants large; of upright growth, leaves protecting heads so they will endure frost. The best late variety.

Pkt. 10c; 1/4 oz. 35c; oz. \$1.00

CAULIFLOWER PLANTS. See page 64.

CELERY**CULTURE**

Sow early in a hot-bed or cold frame. When three inches high transplant four inches apart. When grown six inches, set in richly manured, deep soil, in rows three and a half feet apart and plants about nine inches apart. Blanch by placing boards along the rows or earth up a little and continue doing so at intervals until only the tops of the leaves are visible late in Autumn. Never hoe up the earth when plants are wet. To succeed with celery keep plants growing constantly while young. If allowed to "stand still" they will run to seed later. One ounce of seed produces about four thousand plants.

CELERY
(*White Plume*)

TREAT BEFORE PLANTING WITH
SEMESAN
FOR DISEASE PROTECTION

CAULIFLOWER (*Snowball*)**CELERIAC**

326. **TURNIP-ROOTED CELERY.** Smooth, turnip-like roots; used for flavoring soups or as a salad.

Pkt. 5c; oz. 30c

CHERVIL

CULTURE. Sow as early as possible in the spring, in drills one to two feet apart, covering not more than one-half inch with fine soil firmly pressed down. Thin plants eight to twelve inches apart in the row. One ounce will sow 150 foot row.

331. **CURLED.** Very finely curled, resembling parsley; used in soups and salads.....Pkt. 5c; oz. 20c

CHIVES

Has mild flavor of young onions, and is used in soups and salads.

338.....Pkt. 10c; 1/4 oz. 35c

CHIVES PLANTS. See page 64.

CORN SALAD

(*Fetticus or Lamb's Lettuce*)

A most refreshing salad. Hardy and much used in Winter in place of lettuce.

CULTURE. Sow in spring in drills one foot apart; will mature in 6 or 8 weeks. For winter and early spring use, sow in drills in August and September. Three ounces to 100 feet of drill.

342. **LARGE SEEDED**.....Pkt. 5c; oz. 20c; 1/4 lb. 60c

CELERY**VARIETIES**

313. **GOLDEN SELF-BLANCHING.** The best market variety, especially for early crop. The plant is golden-yellow, but needs to be blanched to make it brittle.

Pkt. 5c; oz. 50c

311. **GIANT PASCAL.** One of the most popular sorts for winter use. Thick with very heavy hearts....Pkt. 5c; oz. 30c

316. **WHITE PLUME.** Early and easy to grow, hardy, and naturally white. Easy to blanch. Medium sized bunch, fairly tall.....Pkt. 5c; oz. 40c

328. **SOUP CELERY.** Foliage used for soups.....oz. 25c

1/4 lb. 75c; 1 lb. \$2.00

CELERY PLANTS. See page 64.

SWEET CORN

CULTURE. Corn should not be planted until the ground is warm, as the seed will rot in cold, damp soil, or if planted too deep. Late April is early enough for first plantings. For succession, use the same variety for each planting and plant every two weeks through May and June. Cover the first planting very lightly, increasing the depth a little for later plantings. For the dwarf early varieties, rows should be three feet apart; for later large varieties, four feet, and the hills two or three feet apart in the rows.

YELLOW VARIETIES (Listed in order of earliness)

114. **GOLDEN EARLY MARKET.** An excellent new variety of yellow corn as early as Extra Early Market and nearly as sweet as the Golden Bantam but two weeks earlier.
Pkt. 10c; lb. 35c; 2 lbs. 65c
112. **GOLDEN BANTAM.** Dwarf in growth, stalks averaging four feet; ears from five to seven inches. What it lacks in size is fully made up in its productiveness and quality, being the finest flavored corn known. In good soil it will produce two or three fine ears to stalk....Pkt. 10c; lb. 35c; 2 lbs. 65c
117. **GOLDEN GIANT.** Large, golden ears of high quality. A cross between Howling Mob and Golden Bantam. The stalks grow nearly as tall as Howling Mob with ears almost as large. Matures about ten days after Golden Bantam.
Pkt. 10c; lb. 35c; 2 lbs. 65c
122. **GIANT GOLDEN EVERGREEN.** (Bantam Evergreen.) A cross between Golden Bantam and Stowell's Evergreen. The ears are 8 inches long, with 12 or 14 rows, set with broad, deep kernels of rich golden yellow color. A very productive variety.....Pkt. 10c; lb. 35c; 2 lbs. 65c

WHITE VARIETIES (Listed in order of earliness)

106. **EXTRA EARLY MARKET.** The earliest white corn. Will ripen 12 to 14 days ahead of any other.
Pkt. 10c; lb. 35c; 2 lbs. 65c
126. **IMPROVED EARLY WASHBURN.** One of the earliest of the large, 14-rowed White Corns. A valuable variety for canningPkt. 10c; 1 lb. 35c; 2 lbs. 65c
103. **EARLY EVERGREEN.** Very large ears and earlier than Stowell's Evergreen by 10 days. This variety remains green for a long time and in northern localities is a surer cropper than Stowell's Evergreen.....Pkt. 10c; lb. 35c; 2 lbs. 65c
102. **BLACK MEXICAN.** A main crop variety maturing a little earlier than Stowell's Evergreen. This variety is undeniably the finest flavored corn in existence, but is not grown much because the kernels, when cooked, are stained bluish-black.
Pkt. 10c; lb. 35c; 2 lbs. 65c

FIELD CORN—See Page 66.

POP CORN

137. **JAPANESE HULLESS.** Small, sharp pointed, white grains with very thin skin.....Pkt. 10c; lb. 35c; 2 lbs. 65c
138. **WHITE RICE (Rat Tooth).** Most popular variety; ears short, kernels long, resembling rice in shape. Color white.
Pkt. 10c; lb. 35c; 2 lbs. 65c

CHICORY

A winter salad, most delicious served with French dressing and eaten like Cos lettuce.

CULTURE. The seed should be sown in the open ground not later than June, in drills 12 to 18 inches apart, thinning out the plants so that they will not stand closer than 3 inches. The plant forms long, parsnip-shaped roots, which should be lifted in the fall, cutting off the leaves about 1½ inches from the neck and shortening the roots by cutting off the bottoms to within 8 inches of the neck. The roots should then be planted in a trench 16 to 18 inches deep in a dark, warm cellar or under a greenhouse bench, and placed upright about 1½ to 2 inches apart, which will allow the neck of the root to come within 9 inches of the level of the trench. The trench should be filled with a light soil, and if a quicker growth is desired, this can be accomplished by a mulch of fresh manure about 2 feet deep. It requires about one month to force the roots.

336. **WITLOOF (French Endive).** Also called Belgian Endive, Brussels Chicory and Christmas Salad
Pkt. 5c; oz. 30c
334. **LARGE-ROOTED (Barbe de Capucin).** The roots are used ground as a substitute for coffee; the young blanched shoots for salad.....Pkt. 5c; oz. 30c



EARLY ACCLIMATED SWEET CORN

The sweet corn listed on this page is produced under our control and is well acclimated. These varieties are the best for both market and home use.

COLLARDS

340. **GEORGIA.** A loose form of cabbage, grown in South for greens.....Pkt. 5c; oz. 20c; ¼ lb. 60c

CRESS

346. **CURLED (Pepper Grass.)** Frilled, curled leaves, used in salads and for garnishing..Pkt. 5c; oz. 20c; ¼ lb. 60c
348. **WATER CRESS.** Small oval leaves, used for salad. Grows in shallow water.....Pkt. 10c; oz. 60c
347. **UPLAND CRESS.** Looks like Water Cress, has same flavor, but grows in any good garden soil.
Pkt. 5c; oz. 30c

CUCUMBER

CULTURE. Cucumbers need a warm, rich soil, and should not be planted in open ground until the weather is settled. Plant in hills four feet apart each way, thinning to three or four of the strongest plants. As fast as the cucumbers attain suitable size they should be taken from the vine, whether required for use or not, as their ripening soon destroys the vine's usefulness.

353. **EARLY CLUSTER.** A small, early variety, bearing its fruit in clusters of two or three.....Pkt. 5c; oz. 20c
360. **SHORT GREEN (Early Frame.)** Very desirable for pickling or table use. Fruit small; bright green. Pkt. 5c; oz. 20c
352. **DAVIS' PERFECT.** Long fruits of fine form, with an intensely dark, rich green skin. Very few seeds, solid white flesh of superb quality for slicing. Pkt. 5c; oz. 20c
357. **WHITE SPINE.** Medium long, rich green fruit with very tender, white and crisp flesh.....Pkt. 5c; oz. 20c
355. **LEMON.** A real luscious flavored cucumber, having a bright yellow skin.....Pkt. 5c; oz. 20c
356. **LONG GREEN.** Fruit long, firm and crisp; excellent for slicing, or when small they are good for pickling. Very productivePkt. 5c; oz. 20c
351. **BOSTON PICKLING.** Extensively grown for pickles. Fruit bright green, of medium size, smooth and symmetrical; crisp and tender.....Pkt. 5c; oz. 20c
354. **JAPANESE CLIMBING.** Used mostly for ornamental planting, but is also good for the table. Good for training to a trellis. Fruit rich, dark green. Pkt. 5c; oz. 20c
361. **WEST INDIA GHERKIN.** An extremely small fruited variety grown exclusively for pickles. Very prickly, but tender and crisp Pkt. 5c; oz. 20c

EGG PLANT

CULTURE. Sow seed one-half inch deep in hotbed or greenhouse in March or April; when an inch high, put in two or three-inch pots. Plant out, late in May or early June, two feet apart in rows two and one-half feet apart. Seeds may be grown in any light room where temperature averages 75 degrees.

370. **N. Y. IMPROVED SPINELESS.** The principal market variety; plants large and spreading; fruit large, deep rich purple. Pkt. 5c; oz. 65c

FLORENCE FENNEL

(The Popular Italian Finocchio)

390. **FLORENCE.** It makes an excellent salad and is also boiled for use as a vegetable. The flavor is sweet, spicy and very distinct. It should be sown in July. Pkt. 5c; oz. 25c



ENDIVE—Green Curled



CUCUMBER—Davis Perfect

ENDIVE

CULTURE. Sow during March in hotbed or cold frame; cover seed one-half inch, transplant one foot apart in open ground in April or May. As endive is used mostly in the fall months, main sowings are made in June and July and transplanted one foot apart each way.

380. **BROAD LEAVED BATAVIAN. (Escarolle).** Has broad, fleshy leaves, forming a large heart; makes excellent winter salad. It is also boiled as "greens." Sow in the same way as Green Curled, but thin out the plants to 10 inches apart in the rows. Pkt. 5c; oz. 20c

382. **GREEN CURLED. (Chicoree Frisee).** An excellent salad plant, available long after the season for Lettuce, and more easily grown. The flavor is pleasantly bitter, stimulating and zest-giving. Is used also boiled as greensPkt. 5c; oz. 20c

HERB SEEDS. See page 63.

KOHL RABI

CULTURE. Sow the seed in the spring, in drills one foot apart and when plants are a few inches high thin to fifteen inches. Cultivate same as turnips. The bulb which is the edible part grows above ground. Flesh resembles a turnip but has a distinct and delicious cabbage flavor. Sometimes called ROOT CABBAGE. Should be cut for table use before fully grown.

411. **EARLY WHITE VIENNA.** The most desirable variety for general use; very early.....Pkt. 5c; oz. 25c
413. **EARLY PURPLE VIENNA.** A bright purple bulb, with white fleshPkt. 5c; oz. 25c

KALE OR BORECOLE

CULTURE. Kale is a hardy "green" of the cabbage family; excellent for winter and spring use. Sow either in rows or broadcast during August and September, or in early spring.

401. **TALL GREEN CURLED SCOTCH.** Grows up to three feet. Light green leaves, finely curled at edge. Pkt. 5c; oz. 20c; 1/4 lb. 60c
403. **DWARF GREEN CURLED SCOTCH.** Most popular dwarf sort. Splendidly curled leaves; excellent flavorPkt. 5c; oz. 20c; 1/4 lb. 60c
406. **THOUSAND HEADED.** Very large, tall growing variety with smooth leaves. Especially used for feeding chickens and stock. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c
409. **MARROW. (Couve Tronchuda or Jersey Winter).** Plants average four feet in height, stalks three inches in diameter. Lower leaves are broken off and used like Kale as they mature. Stalks, when young, are edible. They are usually cut in four-inch lengths and boiled. This makes an exceedingly sweet vegetable dish, and comes in just after spring turnips are finished. Pkt. 5c; oz. 20c

LETTUCE

CULTURE. For early crops, start the seed the end of February, in a cold-frame or indoors in a box of soil at a sunny window. Cover the seed not over one-eighth of an inch. The seedlings should be ready for setting outdoors in April. Set the plants one foot apart in rows eighteen inches apart. Seed may also be sown outdoors during April. For a Fall crop sow seed during the month of August.

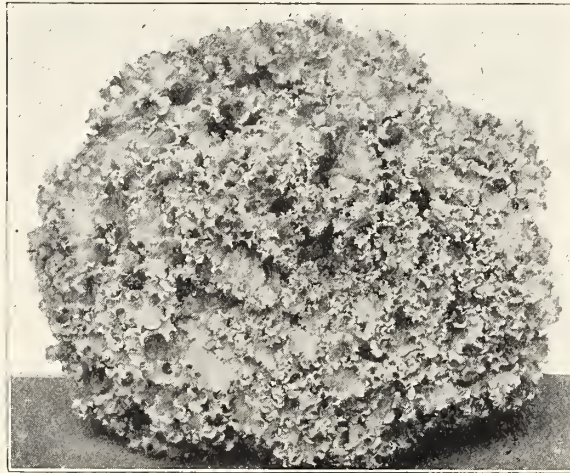
HEAD LETTUCE

420. **BIG BOSTON.** A large heading sort, very hardy and vigorous, with broad, comparatively smooth, thin, bright green leaves. Quite tenderPkt. 5c; oz. 20c
422. **HANSON HEAD.** Forms a head closely resembling early summer cabbage. Creamy white inside; very tender. Should be used young. May become bitter with age, or when matured slowlyPkt. 5c; oz. 20c



NEW YORK HEAD
Malmo's Special Strain

424. **ICEBERG.** Has an unusually solid head. The white, main ribs of the leaves curve toward the center, and keep the interior thoroughly bleached. It is quick growing and always crisp and tender.....Pkt. 5c; oz. 25c
426. **MAY KING.** Exceptionally early, attaining a size suitable for use before other sorts. Also good for forcing. The outer leaves are light green, slightly tinged with brown.....Pkt. 5c; oz. 20c



LOOSE LEAF—Black Seeded Simpson

431. **NEW YORK HEAD.** (Los Angeles or Wonderful). MALMO'S SPECIAL STRAIN. We have a very carefully selected strain of the true stock, producing immense heads as solid as a cabbage and blanching a beautiful creamy white. Crisp, tender, delicious.

Pkt. 5c; oz. 25c

LOOSE LEAF LETTUCE

438. **EARLY CURLED SIMPSON.** A leading early market variety, forming a dense mass of finely curled and wrinkled leaves that are excellent and tender and do not wilt readily. Used for very early planting and forcingPkt. 5c; oz. 20c



LETTUCE—Malmo's Delicacy

436. **BLACK SEEDED SIMPSON.** An excellent variety. Has all the good qualities of Early Curled Simpson, but is larger. It is one of the tenderest and sweetest and remains so longer than most other kinds.

Pkt. 5c; oz. 20c

440. **GRAND RAPIDS.** The most popular variety for greenhouse and early out-door planting. Of handsome appearance, a strong and quick grower, not subject to rotPkt. 5c; oz. 20c

428. **MALMO'S PRIZEHEAD.** Large, loose headed, thin leaved sort. The very large leaves are crimped, bright green, tinged on the edges with reddish brown and are crisp and sweetPkt. 5c, oz. 20c



COS OR ROMAINE LETTUCE

448. **DELICACY.** Splendid self-folding variety. It is a New. rich, rather deep clear green, very crisp, medium in height, and compact in habit. A decided improvement upon all the older and better-known varieties.

Pkt. 10c; oz. 50c

450. **PARIS WHITE.** Large, elongated, compact heads, that blanch mild and crisp. The plants are of erect growth, forming a tall, slightly oblong bunch of large, crisp leavesPkt. 5c; oz. 20c

STOP DAMPING OFF. Use Semesan for Protection Against Fungus Diseases!

 **MALMO PAYS THE POSTAGE** 

**LEEK**

CULTURE. Sow early in April or May, in drills 18 inches apart, cover the seed one-half inch deep, the plants should be thinned to stand four to six inches apart in the row or for very early the seed may be started in cold-frame or hotbed in February or March and be transplanted when large enough as deep as possible without covering the center leaves, that the neck may be blanched.

LEEK—American Flag

460. **LARGE AMERICAN FLAG.** A very fine Leek, with long, large stems which are sweet and white when properly blanched; vigorous grower....Pkt. 5c; oz. 30c

MELON

Does not thrive west of the Cascade Mountains unless the seed is planted in cold-frame in April and transplanted after warm weather sets in, in a well-sheltered location.

MUSKMELON

470. **BURRELL'S GEM.** (Red Rocky Ford) Pkt. 5c; oz. 15c
 476. **ROCKY FORD.** (Netted Gem).....Pkt. 5c; oz. 15c
 473. **OSAGE.** (Miller's Cream).....Pkt. 5c; oz. 15c
 480. **HEARTS OF GOLD**Pkt. 10c; oz. 20c
 485. **HONEY DEW**Pkt. 5c; oz. 20c

WATERMELON

508. **CUBAN QUEEN**Pkt. 5c; oz. 15c
 510. **ICE CREAM** or **PEERLESS**Pkt. 5c; oz. 20c
 512. **KLECKLEY SWEET** (Monte Cristo) Pkt. 5c; oz. 15c
 506. **CITRON**Pkt. 5c; oz. 15c

MUSTARD

CULTURE. Sow in spring in drills 18 inches apart, covering one-half inch deep. For succession, sow every two weeks until autumn. Water freely. The leaves are cooked and served in the same manner as spinach.

530. **SOUTHERN GIANT CURLED.** Hardy, large, light green leaves, crimped and frilled at the edges.

Pkt. 5c; oz. 10c; ¼ lb. 30c

THE USE OF MUSTARD. The large leaves of the above are boiled, forming a most palatable, piquant, and healthful type of "greens." White London is sown quite thickly in fine soil and not covered, but pressed lightly down. In little more than a week, the over-crowded seedlings are about 2 inches long, cut them with scissors close to the soil, wash and use for sandwich material. Curled Cress (which should be sown four days before mustard) may be grown and used in the same manner. Both are suitable for growing in the house throughout the year in boxes of soil, sand, or even on moistened cloth.

535. **WHITE LONDON.** (White English) Pkt. 5c; oz. 10c; ¼ lb. 30c

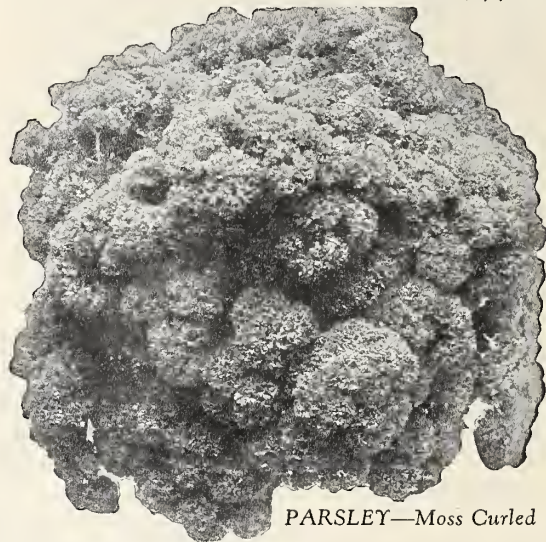
MUSHROOM SPAWN. See page 64.

PARSNIP

OKRA

CULTURE. Sow when the weather is warm and settled, in drills 1 inch deep and 4 feet apart; thin out to 12 inches apart in the drills. Okra requires 9 or 10 weeks from seed to maturity.

560. **PERKINS' MAMMOTH LONG POD.** (Green). This variety is very early and productive. The pods are deep green, long, tender and of good quality. Pkt. 5c; oz. 15c; ¼ lb. 40c
 562. **WHITE VELVET.** Pods remain tender a long time. Pkt. 5c; oz. 15c; ¼ lb. 40c



PARSLEY—Moss Curled

PARSLEY

CULTURE. The germination of parsley seed is very slow, taking about four weeks. Sow as early as possible in the spring, in drills one to two feet apart, covering not more than one-half inch with fine soil firmly pressed down. Thin plants eight to twelve inches apart in the row.

580. **TRIPLE CURLED.** Very finely curled; dark green color. The best variety for all purposes. Pkt. 5c; oz. 20c
 582. **MOSS CURLED.** Vigorous, compact growing. The leaves are very finely cut and closely curled. Pkt. 5c; oz. 20c
 585. **PLAIN.** (Italian). Leaves flat, deeply cut but not curled. Very desirable for flavoring....Pkt. 5c; oz. 20c
 588. **HAMBURG.** (Turnip Rooted). A plain-leaved variety, forming a large, thick, edible root which is used for soups or for flavoring.....Pkt. 5c; oz. 20c

PARSNIP

CULTURE. Sow the seed in spring, in drills eighteen inches apart and thin the plants to three inches apart. Give frequent shallow cultivation during the summer. The roots may remain in the ground until wanted for use during the winter. They are improved by freezing.

567. **HOLLOW CROWN.** (Long White). Root very long, white, smooth, tender, sugary, and of most excellent flavor. Very hardyPkt. 5c; oz. 20c

PEPPER

CULTURE. Sow one-half inch deep in hotbed, greenhouse or warm window, in March. When one inch high, transplant into two-inch pots, and plant out late in May or early June in rich soil in rows two and one-half feet apart in the row. Cultivate frequently throughout the season to keep the soil mellow and free from weeds.

SWEET VARIETIES.

593. **RUBY KING.** Bright red, large. Flesh exceedingly thick and sweet.....Pkt. 5c; oz. 60c
 590. **LARGE BELL.** (Bull Nose). A large, bright red, mild flavorPkt. 5c; oz. 60c

HOT VARIETIES

595. **LONG RED CAYENNE.** Pods small, bright scarlet, cone shaped and pungentPkt. 5c; oz. 60c
 598. **RED CHILI.** Fruit is small, bright red, very hot and pungentPkt. 5c; oz. 60c



ONION—White Portugal

ONIONS

CULTURE. Sow in rich, sandy soil, in drills 1 foot apart, as early as possible in the spring, cover with fine soil and firm well, either with roller or back of spade. When plants are strong enough, thin out to 3 or 4 inches. The finest Onions are produced by sowing the seed in hotbed early in February and transplanting seedlings to the open ground 6 inches apart.

WHITE VARIETIES

545. **SOUTHPORT WHITE GLOBE.** Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained and of mild flavor. Pkt. 5c; oz. 30c
574. **WHITE PORTUGAL.** (Silver Skin). Medium size, ripening early and uniformly, with clear, white skin; flat, good keeper, mild flavor. Used largely for pickles. Pkt. 5c; oz. 30c
549. **WHITE QUEEN.** (Pickling). A very early, small, flat and mild pickle onionPkt. 5c; oz. 40c
546. **WHITE BUNCH.** (White Lisbon). This variety makes extremely quick growth and is essentially for spring onions. Can either be forced or grown in the open...Pkt. 5c; oz. 30c

YELLOW VARIETIES

540. **AILSA CRAIG.** Grows to an immense size and not infrequently measures 18 inches around and weighs 2 lbs. Colors light yellow, grain fine, flavor mild and ripens early. It is by far the best keeper of all large onions. Pkt. 5c; oz. 40c
541. **AUSTRALIAN BROWN.** Resembles the "Yellow Danvers" in general appearance, but has a clear, amber-brown skin. It matures early, ripens uniformly, and will keep in good condition longer than any other onion. Pkt. 5c; oz. 30c
543. **PRIZETAKER.** An onion of the largest size and nearly globular in form. Skin is yellowish brown; flesh is white, mild and tenderPkt. 5c; oz. 30c
550. **YELLOW FLAT DANVERS.** Early; similar to Yellow Globe Danvers, except in shape, with small neckPkt. 5c; oz. 30c

551. **YELLOW GLOBE DANVERS.** Extensively used for main crop. Bulbs of medium to large size, uniformly globe shaped, with small neck and ripen very evenly. Skin is rich, coppery yellow, flesh a creamy white. Pkt. 5c; oz. 30c

RED VARIETIES

556. **EXTRA EARLY RED FLAT.** Medium sized. Ready for use about two weeks earlier than Large Red Wethersfield. Fine grained and mild in flavor. Pkt. 5c; oz. 30c
558. **LARGE RED WETHERSFIELD.** The best keeper, grows to an immense size; solid, oval-shaped, flattened on top. Skin purplish red, smooth and glossy; flesh white, slightly tinged with pink.....Pkt. 5c; oz. 30c
557. **LARGE RED GLOBE.** Handsome dark red, large, forming a hard, solid globular bulb....Pkt. 5c; oz. 30c

ONION SETS. See page 64.



ONION—Prizetaker

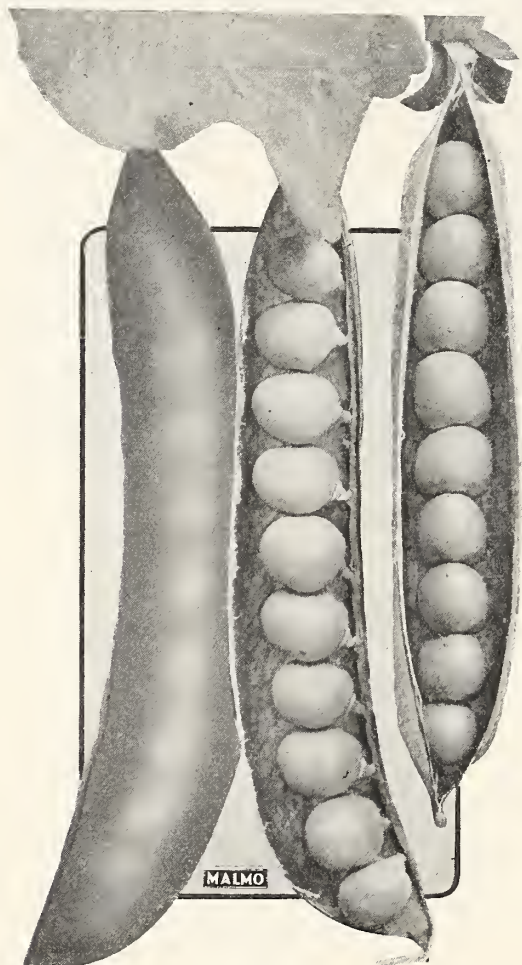
GARDEN PEAS

CULTURE. The seed should be sown in drills very early in spring as soon as the ground is in good condition to work, and covered two inches deep. Rows of the extremely dwarf varieties may be as close as eighteen inches apart; semi-dwarf and tall varieties should be two to four feet apart. Some sow the seed in double rows six inches apart, placing trellis or brush between the rows, thus making one row of supports do for two rows of peas.

For succession, seed should be sown at intervals of about two weeks until the middle of June. They do not do well in hot weather in summer.

For an extra early crop on the Pacific Coast, where the winters are mild, some varieties may be planted in rather light, porous, well-drained soil through latter part of October to early part of November, and will be ready for use early in June.

Varieties of dwarf peas are sometimes grown without supports or stakes. In rich soil, however, a little support will help them as they will be held off the ground enabling them to mature earlier and more evenly.



Laxtonian

EARLY VARIETIES

144. **AMERICAN WONDER.** 1 to 1½ feet. One of the most popular of the early wrinkled sorts. Well filled pods containing seven or eight sweet, tender peas. Pkt. 10c; lb. 35c; 2 lbs. 65c
154. **LAXTON'S SUPERB.** 1½ to 2 feet. One of the very finest and hardiest large podding varieties, for home and market garden. Being a round-seeded variety, we can highly recommend it for planting in NovemberPkt. 10c; lb. 35c; 2 lbs. 65c
155. **LAXTONIAN.** 1½ feet. A new, first early pea of unexcelled value. Splendid quality and unusually productive. Its pods are equal in size and shape to GradusPkt. 10c; lb. 35c; 2 lbs. 65c
159. **LITTLE GEM.** 1 to 1½ feet. Round, well filled pods, 2½ to 3 inches long. Peas are green, wrinkled, sweetPkt. 10c; lb. 35c; 2 lbs. 65c
163. **LITTLE MARVEL.** 1 to 1½ feet. An extra dwarf early pea, wonderfully prolific. Pods, in which six or seven large peas are closely crowded, invariably hang in pairs.....Pkt. 10c; lb. 35c; 2 lbs. 65c
165. **NOTT'S EXCELSIOR.** 1½ feet. Pods 3 inches long, peas medium size, green, wrinkled, good quality. Pkt. 10c; lb. 35c; 2 lbs. 65c
142. **ALASKA.** 3 feet. An extra early hardy pea. On the Pacific Coast it may be planted in November; will not rot in the ground. Pods of perfect shape, well filled with smooth peas. Seed blue; not as sweet as the wrinkled varieties.....Pkt. 10c; lb. 35c; 2 lbs. 65c
152. **GRADUS.** (Prosperity). 3 feet. The vines are of vigorous constitution. The pods are borne singly and freely from top to bottom of the vine and contain from six to ten peas of delicious quality, fully as large and as rich in flavor as Telephone, and weeks earlier. Pkt. 10c; lb. 35c; 2 lbs. 65c
174. **THOMAS LAXTON.** 3 feet. This variety is an exact counter-part of Gradus, with the exception that the pods and vine are darker in color. This variety is undoubtedly the finest flavored known. Pkt. 10c; lb. 35c; 2 lbs. 65c

MAIN CROP VARIETIES

147. **DWARF TELEPHONE.** 2 feet. A medium late pea, of dwarf, stocky habit, healthy, vigorous growth, bearing large, handsome pods and peas of highest qualityPkt. 10c; lb. 35c; 2 lbs. 65c
168. **TALL TELEPHONE.** 5 to 6 feet. It has been on the market for nearly forty years and is as good today as ever. The plant bears a heavy crop of enormous pods well filled with large Peas of delicious quality, rich in flavor, and most attractive in appearance. The vines are not heavy and require but little support. Pkt. 10c; lb. 35c; 2 lbs. 65c

EDIBLE POD

196. **MELTING SUGAR.** 5 to 6 feet. We consider this the best of the edible podded sorts, in which the pods are used when half grown and cooked in same way as snap beans. The pods of Melting Sugar are large, 4 to 4½ inches long, broad, often curved or twisted, and when young they are stringless and very tender Pkt. 10c; lb. 35c
192. **DWARF SUGAR.** 2 feet. Grey seeded. This variety is one of the best with purple flowers originally introduced from Holland. A very compact growing variety, but needs support Pkt. 10c; lb. 35c
194. **TALL SUGAR.** 5 to 6 feet. Grey seeded. This variety is taller and about 10 days later than the Dwarf Sugar described above. In other respects it is identical Pkt. 10c; lb. 35c



Fertil-Gro Your Garden.

PUMPKIN

CULTURE. Pumpkins will grow on any good farm land, but their size and quality will depend on the culture and fertility of the soil. Plant early in May, in hills six to eight feet apart. One pound of seed will plant about 300 hills. Care should be taken to keep the different varieties well apart, also away from other vining plants, as they mix and deteriorate very rapidly. As soon as the seedlings are out of the ground sprinkle with air-slaked lime or land plaster mixed with dry garden soil or ashes. This prevents the ravages of striped beetle. 1 oz. for 30 hills.

601. **CONNECTICUT FIELD.** A fine, large orange colored variety, used for field culture and stock feeding. Flesh brittle and sweet.....Pkt. 5c; oz. 15c; ¼ lb. 45c
603. **JUMBO, or King of Mammoths.** The largest pumpkin grown. Skin is salmon orange, flesh is bright yellow, very thick; excellent quality for pies as well as stock.....Pkt. 5c; oz. 15c; ¼ lb. 45c
606. **SUGAR, or Sweet Pie.** Small, round, yellow sort; flesh is thick, sweet and of excellent quality. Best for pies and cooking.....Pkt. 5c; oz. 15c; ¼ lb. 45c
608. **WINTER LUXURY.** Enormously productive; excellent keeper, medium size; golden russet color, finely netted; flesh deep golden, sweet, tender and very thick. Pkt. 5c; oz. 15c; ¼ lb. 45c



PUMPKIN

POTATOES. See page 65.

RADISH

CULTURE. For forcing sow in hotbed or under glass in rich, sandy soil made perfectly level. Scatter evenly over the surface from fifty to one hundred seeds to the square foot and cover with one-quarter inch of soil sifted on. Careful watering to keep soil moist, even, moderate temperature and good ventilation are required for rapid root development. If the bed is a good one the whole crop can be harvested in twenty to thirty days after planting.

For open ground culture sow in rich, sandy soil in drills twelve to eighteen inches apart and thin out later. A good dressing of nitrate of soda will greatly stimulate growth and insure tender, brittle roots. Successional sowings for one week to ten days apart will keep up a supply. After summer begins, sow winter varieties. Both summer and winter varieties should be "thinned" to stand from 4 to 6 inches apart in the row. The winter varieties should be pulled when cold weather starts and stored like beets.

Below we give a table showing which varieties to plant during each month and the approximate time when ready.

Early varieties growing outdoors mature in about 30 days.

Long or Summer varieties growing outdoors mature in about 45 days.

Winter varieties growing outdoors mature in about 90 days.

Plant	Where	Sort	Ready
February	Hot Bed	Early Varieties	March
March	Hot Bed	Early Varieties	April
March	Open	Early Varieties	April-May
March	Open	Long or Summer	May-June
April	Open	Early Varieties	May-June
April	Open	Long or Summer	June-July
May-June	Open	Long or Summer	July-August
July	Open	Winter Varieties	Fall (late)
August	Open	Early Varieties	September-October
August	Open	Long or Summer	October-November
September	Open	Early Varieties	October-November



French Breakfast

EARLY ROUND VARIETIES

611. **EARLY SCARLET TURNIP.** Early small, round red, of very quick growth; crisp, tender. Pkt. 5c; oz. 15c; ¼ lb. 45c
613. **EARLY SCARLET TURNIP, WHITE TIPPED.** Very early, deep scarlet with white tip. Crisp, very tender and sweet.....Pkt. 5c; oz. 15c; ¼ lb. 45c
615. **SPARKLER.** A very handsome turnip-shaped variety. Upper half is bright scarlet and lower half a sparkling white; a good forcerPkt. 5c; oz. 15c; ¼ lb. 45c

EARLY OLIVE SHAPED VARIETIES

621. **MALMO'S DELICACY.** This is an entirely new and distinct introduction. It has a soft rose pink colored skin which extends to the very tip of the radish. The flesh is white and tender, firm and crisp, very juicy and mildly pungent. This variety also is exceptionally well-suited for forcing. Pkt. 10c; oz. 25c; ¼ lb. 75c

622. **FRENCH BREAKFAST.** Half-long variety, medium size, crisp and tender; scarlet with white tip. Pkt. 5c; oz. 15c; ¼ lb. 45c

624. **SCARLET OLIVE.** Early, deep rich red color. Flesh white, crisp and tender....Pkt. 5c; oz. 15c; ¼ lb. 45c

LONG OR SUMMER VARIETIES

631. **EARLY LONG SCARLET.** This is a standard sort either for the home garden or market. Pkt. 5c; oz. 15c; ¼ lb. 45c

633. **LONG SCARLET, WHITE TIPPED.** One of the brightest and handsomest scarlet radishes. The roots are fit for use in about 35 days and continue in good condition until fully grown..Pkt. 5c; oz. 15c; ¼ lb. 45c

636. **WHITE ICICLE.** The finest of the early, pure white varietiesPkt. 5c; oz. 15c; ¼ lb. 45c

638. **WHITE STRASBURG.** One of the best large summer sorts. The roots are tapering, very white, crisp and tenderPkt. 5c; oz. 15c; ¼ lb. 45c

WINTER VARIETIES

646. **CALIFORNIA MAMMOTH WHITE CHINA.** The largest of all radishes. Roots grow ten to twelve inches long, solid, tender and crisp. Keeps well. Pkt. 5c; oz. 15c; ¼ lb. 45c

648. **CHINA ROSE.** One of the best fall and winter varieties;Pkt. 5c; oz. 15c; ¼ lb. 45c

642. **BLACK SPANISH LONG.** Standard winter sort; good flavorPkt. 5c; oz. 15c; ¼ lb. 45c

644. **BLACK SPANISH ROUND.** Thick black skin and pure white fleshPkt. 5c; oz. 15c; ¼ lb. 45c

SQUASH

CULTURE. Sow when the weather has become settled and warm. It is best to prepare hills for the seeds by incorporating two or three shovelfuls of well-rotted manure with the soil for each hill. For bush varieties, the hills should be four feet apart each way and for the running sorts, eight feet. Eight or ten seeds should be sown in each hill one inch deep, thinning out after they have attained their third and fourth leaves, leaving two or three of the strongest plants. 1 oz. for 50 hills.

SUMMER VARIETIES

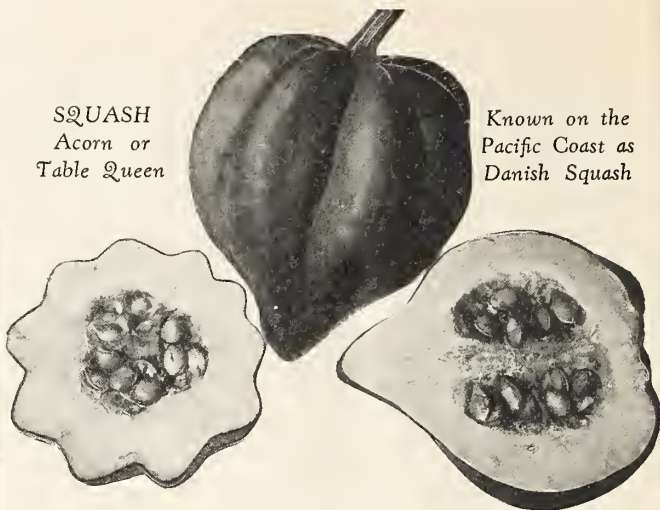
691. **ACORN.** (Table Queen or "Des Moines"). Known in Puget Sound district as Danish Squash. This is a small, very dark green, summer squash, with sharply ridged or scalloped sides, and is about six or seven inches long and four inches in diameter. Its chief recommendation to favor is its extraordinary fruitfulness, and the agreeable flavor of the flesh which makes it so desirable for pie-making or for baking. Pkt. 10c; oz. 25c
692. **DELICATA.** Orange-yellow, splashed and striped with dark green. It is of such convenient size (about 9 inches long) that the entire Squash can be used at one time, as it is just large enough for an ordinary family. Pkt. 10c; oz. 25c
693. **MAMMOTH WHITE BUSH SCALLOP.** Creamy white, slightly warted surface. The best summer sort for the market; very productive. Pkt. 5c; oz. 15c
694. **MAMMOTH SUMMER CROOKNECK.** Early, prolific, solid, curved neck; skin yellow, thin, hard and warty; flesh tender, of good quality. Pkt. 5c; oz. 10c
695. **VEGETABLE MARROW.** A very popular sort. Is long and slim; color white with delicious white flesh. Pkt. 5c; oz. 10c

ITALIAN VEGETABLE MARROW

TRULY DELICIOUS TYPES—for baking—should be in *New* every garden.

689. **COCOZELLE.** The dwarf bushes of this fine variety produce large, very elongated, slightly curved, smooth, dark, green fruits. They are usually used when very young; about 12 inches long and 2 inches in diameter. The seed which we have of this is the *true Italian*

SQUASH
Acorn or
Table Queen



Known on the
Pacific Coast as
Danish Squash

Cocozelle Squash, and should not be confused with the green Italian Vegetable Marrow. Pkt. 10c; oz. 25c

687. **ZUCCHINI.** A small, short type of the Cocozelle Squash growing 12-18 inches in length. Skin is dark green, becoming lightly mottled and striped yellow at maturity. Considered the most desirable of the Italian Marrows. Pkt. 10c; oz. 25c

LATE VARIETIES

696. **BOSTON MARROW.** Large-fruited hard-shelled winter squash; bright-orange flesh; very productive; fruit oval. Pkt. 5c; oz. 10c
697. **HUBBARD.** One of the best winter squashes; vigorous and productive. Fruits large, heavy and moderately warted, with a very hard shell; skin dark green; flesh bright orange-yellow, fine grained, thick and richly flavored. Can be kept in good condition until spring. Pkt. 5c; oz. 15c
698. **GOLDEN HUBBARD.** Fruits of medium size, weighing from six to eight pounds, shaped like the Hubbard, but earlier. Can be held over in good condition for spring use. Shell hard, strong and of a beautiful orange-red. Pkt. 5c; oz. 15c
699. **MAMMOTH CHILL.** Very large. The skin is quite smooth, but with broad, open netting and of a rich orange-yellow. Flesh thick, of a rich yellow coloring; fine grained, sweet. Pkt. 5c; oz. 15c



HUBBARD SQUASH

RHUBARB

CULTURE. Sow in April, in drills a foot apart covering the seed three-quarters of an inch, thinning out to about 10 to 12 inches apart in rows when a few inches high. The following Spring transplant into deep, rich soil, about three feet apart each way.

651. **VICTORIA.** The stalks of this variety are immensely thick, a rich crimson in color, and of very fine quality.

Pkt. 5c; oz. 25c

RHUBARB ROOTS. See page 64.

SALSIFY (Vegetable Oyster)

CULTURE. Sow the seed early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots will be ready in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground until spring.

662. **MAMMOTH SANDWICH ISLAND.** The leading variety; produces a large crop of straight, smooth roots. Pkt. 5c; oz. 30c



SALSIFY

SPINACH

CULTURE. Sow thinly in rows 12 to 15 inches apart, covering the seed about one-half inch; thin the plants to four inches apart in the row. For summer use it may be sown at intervals of two or three weeks from March to May. Spinach develops best and is most tender and succulent when grown in rich soil and in cool weather. During the hot summer months it is advisable to plant New Zealand spinach or Swiss Chard as these do not bolt to seed like spinach does. The best crops of spinach are taken from those grown in the fall. No one should omit to plant spinach seed in August or September for fall greens. The best variety for planting at that time of the year is Bloomsdale "Savoy."

671. **BLOOMSDALE. SAVOY.** Leaves large, round and thick, very much savoyed and rich deep green.

Pkt. 5c; oz. 10c; ¼ lb. 25c

673. **KING OF DENMARK.** This new variety is the most valuable introduction of spinach in recent years. Although the plants are ready for use almost as soon as the medium early sorts they remain in good condition from a week to two weeks after all other varieties have gone to seed. The leaves are thick, stand well after cutting and are of good quality.

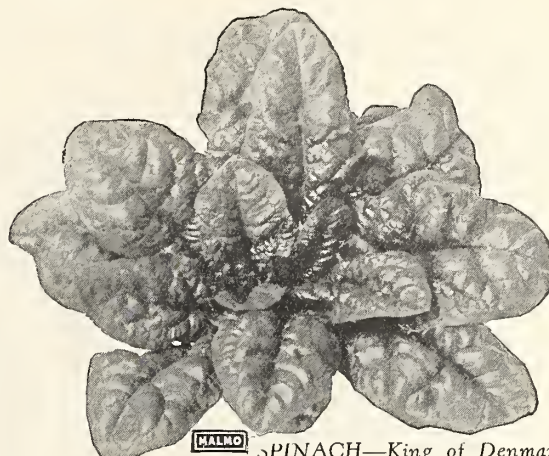
Pkt. 5c; oz. 15c; ¼ lb. 40c

678. **PRINCESS JULIANA.** This variety is of the long season type with large, crumpled, rich, dark green leaves. It is valuable either for spring or fall planting. It remains in condition longer before bolting to seed than any other sort.

Pkt. 5c; oz. 15c; ¼ lb. 40c

675. **LONG STANDING.** A deep green variety, with rather elongated smooth leaves. Stands a long time without running to seed, even in hot weather.

Pkt. 5c; oz. 10c; ¼ lb. 25c



MALMO SPINACH—King of Denmark

677. **ROUND SUMMER.** Large-leaved, bright green; rather smooth and rounded at the top. A good variety for late spring and summer.

Pkt. 5c; oz. 10c; ¼ lb. 25c



SPINACH—Princess Juliana

679. **VICTORIA.** One of the best known varieties, with exceedingly thick dark green leaves, slightly crumpled in center.

Pkt. 5c; oz. 10c; ¼ lb. 25c

681. **VIROFLAY.** Large, round leaved, thick and fleshy. Good for early as well as for fall sowing.

Pkt. 5c; oz. 10c; ¼ lb. 25c

683. **PRICKLY WINTER.** A very productive variety, which grows to large size; arrow shaped, smooth, of bright green color; very hardy.

Pkt. 5c; oz. 10c; ¼ lb. 25c



SWISS CHARD

NEW ZEALAND SPINACH (*Tetragonia expansa*)

A half-hardy annual cultivated for its young leaves which form an excellent substitute for Spinach. The plants grow very vigorously, do not run to seed, and withstand drought much better than Spinach. New Zealand Spinach should, therefore find a place in every garden, to furnish a summer supply of green boiled vegetables. It is recommended for use, also, on soils too poor to carry Spinach of the true type, as it grows naturally on dry upland situations.

CULTURE. Sow during May, in drills which should be at least 2 feet apart, as the plants spread rapidly. Thin to 9 inches between the plants in the row. Keep the surrounding soil well stirred and pinch off the young leaves and shoots freely as required, when others will be produced quickly in their place right through the summer. One seeding will suffice for a whole season, as the plants produce continually until frost.

685..... Pkt. 5c; oz. 15c; ¼ lb. 45c

SWISS CHARD

The term "Chard" is applied to the edible midrib of the leaf of certain plants, hence Swiss Chard is a Beet with the heavily ribbed leaves developed instead of the root. It is used either as greens, or, where the rib of the leaf only is used, cooked in the same manner as Asparagus. Either way it is a delicious vegetable and can be grown with greatest ease.

CULTURE. Sow the seed in April or May in drills 18 inches apart, and thin the plants to stand 6 inches apart in the rows. Do not let the plants suffer from lack of water. The leaves may be gathered during summer and fall. 1 oz. to 50 feet of drill.

667. **LUCULLUS.** The crumpled leaved variety which is much superior in size and quality to all others. In this newer variety, too, the rib is much more strongly developed and of more succulent flavor. Pkt. 5c; oz. 15c

Spinach contains more of Vitamin D (the sunshine Vitamin) than any other Vegetable.

By successive plantings a crop can be assured throughout the year.

TOMATOES



CULTURE The seed should be sown in March or early April in a hotbed, greenhouse, or window of a room, where a night temperature of not less than 60 degrees is kept. When the plants are about two inches high they should be set out three inches apart in boxes three inches deep, or potted into three-inch pots, allowing a single plant to a pot. They are sometimes moved a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May, in this latitude, the plants may be set in the open ground.

701. **BEAUTY**. (Livingston's). One of the smoothest skinned and best of the large sorts. The fruit is large, uniform in size. Skin reddish pink, flesh light pink and of excellent flavor.....Pkt 5c; oz. 50c

703. **BONNY BEST**. Very early, scarlet, medium to full market size; even, smooth and regular. Excellent for forcing.....Pkt 5c; oz. 50c

705. **CHALK'S EARLY JEWEL**. Fine; large; solid; smooth; scarlet, excellent canner; early, good forcer.

Pkt 5c, oz. 50c

709. **DWARF CHAMPION**. Dwarf and compact in habit; stands up well even when loaded with fruit; very desirable in small gardens; early; flesh solid (no hard core); good flavor.

Pkt 5c, oz. 50c

711. **EARLIANA**. The earliest early Tomato; large, beautiful color, nearly seedless and very solid; a vigorous grower and prodigious bearer.....Pkt. 5c, oz. 40c

715. **JOHN BAER**. An extra early scarlet variety. Round, smooth, firm and of excellent quality. Yields a large crop of uniform fruitPkt. 5c; oz. 50c

SMALL FRUITED VARIETIES

713. **RED CHERRY**.....Pkt. 5c

728. **RED CURRANT**.....Pkt. 5c

729. **RED PEAR**.....Pkt. 5c

731. **RED PLUM**.....Pkt. 5c

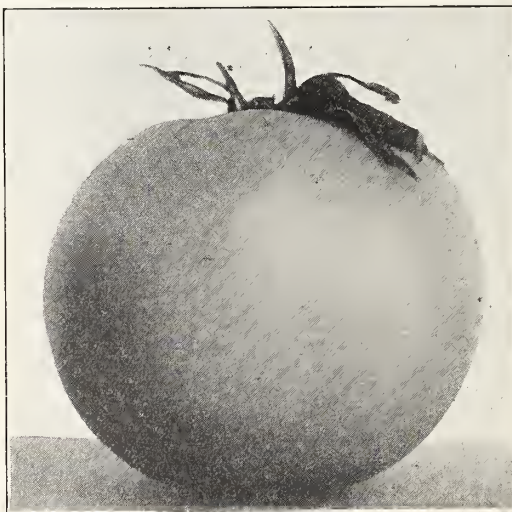
725. **HUSK OR GROUND CHERRY**Pkt. 5c

733. **YELLOW CHERRY**Pkt. 5c

735. **YELLOW PEAR**.....Pkt. 5c

737. **YELLOW PLUM**.....Pkt. 5c

740. **COLLECTION**. 1 pkt. each of above 8 varieties.....30c



EARLIANA

TOMATO PLANTS

At spring planting time, our seed store at Sixth and Stewart, at Westlake, offers a large selection of the best varieties of tomato plants for home planting

See Page 64

ACME GARDEN GUARD

A garden insecticide and fungicide for use as dust. No water, no mixing, no muss.

For use on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

1 lb. sifter carton 35c; 5 lbs. \$1.25

TURNIP

CULTURE. Sow early in spring in light, rich soil, in drills one and one-half to two feet apart according to the size of the variety and cover one-half inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly stirred. Thin early and keep free from weeds so that the young plants will not be checked in growth. Any overcrowding will result in rough and poorly flavored roots. Sow for fall from the middle of June to the first of August and in the manner given for spring sowing.

WHITE FLESHED VARIETIES

741. **EXTRA EARLY WHITE MILAN.** The earliest turnip. Is clean, white, smooth, flat, symmetrical and handsome in appearance. Flesh is white, tender and sweetPkt. 5c; oz. 20c; 1/4 lb. 60c
743. **EXTRA EARLY PURPLE TOP MILAN.** Similar to the White Milan, except upper portion of skin a beautiful purple-redPkt. 5c; oz. 20c; 1/4 lb. 60c
744. **EARLY WHITE FLAT DUTCH.** Grows quickly, clear white skin, flesh juicy, mild flavor and excellent qualityPkt. 5c; oz. 15c; 1/4 lb. 45c
746. **PURPLE TOP, STRAP-LEAVED.** The most popular sort. Will do well either broadcast or in drills, and will form good sized bulbs in seven or eight weeks. Rather flat and of medium size. Color, purple above ground, white below; flesh, white, fine grained and tenderPkt. 5c; oz. 15c; 1/4 lb. 45c
748. **PURPLE TOP WHITE GLOBE.** Perfect globe shape, about six inches in diameter, with smooth, white skin; flesh pure white; firm and crisp. A good keeperPkt. 5c; oz. 15c; 1/4 lb. 45c
751. **SNOWBALL.** The finest white-fleshed, ball-shaped early table turnip. Bulbs small, smooth and round, with clear white skin and sweet crisp flesh.Pkt. 5c; oz. 15c; 1/4 lb. 45c
753. **WHITE EGG.** Rather small egg-shaped; a quick grower; good keeper and excellent either as an early or late variety. The flesh is very sweet, firm and mild, never having a rank or strong taste.Pkt. 5c; oz. 15c; 1/4 lb. 45c

RUTA BAGA (Swede or Russian Turnip)

791. **IMPROVED AMERICAN PURPLE TOP.** The leading standard variety, being very distinct in type, attaining a wonderfully large size. The flesh is very firm, superior in every way, valuable alike for table and stock feedPkt. 5c; oz. 15c; 1/4 lb. 45c
796. **YELLOW SWEDE.** Roots oblong, reddish color above the ground but yellow underneath. This sort is hardier than the common turnip and will keep solid until springPkt. 5c; oz. 15c; 1/4 lb. 45c
793. **WHITE SWEET RUSSIAN.** Excellent for table or stock. It grows to a very large size, flesh white, solid and rich; and excellent keeper.Pkt. 5c; oz. 15c; 1/4 lb. 45c



TURNIP—Purple Top White Globe

YELLOW FLESHED VARIETIES

781. **ALASKA.** Medium size, early. Flesh yellow, tender, very pleasant flavor, uniform in size and shape.Pkt. 5c; oz. 20c; 1/4 lb. 60c
783. **GOLDEN BALL, OR ORANGE JELLY.** One of the most delicious and sweetest yellow-fleshed turnips. Small but firm, hard, and excellent flavor. Keeps well and is superior as a table variety.Pkt. 5c; oz. 15c; 1/4 lb. 45c
785. **PETROWSKI.** A most distinct variety of early maturity. The flat roots average two and a half to three inches in diameter, and the skin is a rich, deep orange-yellow, very smooth and entirely free from rootlets. The firm flesh is fine grained, crisp, and of fine flavor.Pkt. 5c; oz. 20c; 1/4 lb. 60c

AN ALL-LEAF TURNIP. In this variety there is but little development of root. The leaves, however, are very numerous and large, and the vegetable is recommended to those who esteem "Turnip-tops." As a particularly healthful and palatable green cooked vegetable, many considering it superior to spinach.

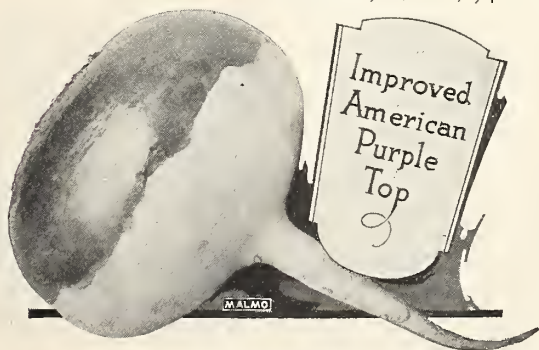
761. **SEVEN TOP**Pkt. 5c; oz. 15c; 1/4 lb. 45c

TOBACCO

771. **CONNECTICUT SEED LEAF.** Hardy, well adapted to growing in northern states.....Pkt. 5c; oz. 75c
775. **HAVANA.** The leaf is very thin and is of fine texturePkt. 5c; oz. 75c

GARDEN HERBS

801. **ANISE**Pkt. 5c; oz. 35c
807. **BORAGE**Pkt. 5c; oz. 25c
805. **BASIL**Pkt. 5c; oz. 25c
810. **CARAWAY**Pkt. 5c; oz. 25c
818. **CORIANDER**Pkt. 5c; oz. 25c
814. **CATNIP**Pkt. 5c; oz. 75c
820. **DILL**Pkt. 5c; oz. 25c
826. **FENNEL SWEET**Pkt. 5c; oz. 50c
830. **LAVENDER**Pkt. 5c; oz. 50c
834. **MARJORAM**Pkt. 5c; oz. 50c
840. **ROSEMARY**Pkt. 5c; oz. 50c
844. **RUE**Pkt. 5c; oz. 50c
850. **SAGE**Pkt. 5c; oz. 50c
855. **SAVORY SUMMER**Pkt. 5c; oz. 30c
858. **SAVORY WINTER**Pkt. 5c; oz. 50c
860. **THYME**Pkt. 5c; oz. 50c
864. **WORMWOOD**Pkt. 5c; oz. 35c



VEGETABLE ROOTS and PLANTS

GROWING PLANTS

CABBAGE

EARLY JERSEY WAKEFIELD.
DANISH BALL HEAD.
LATE FLAT DUTCH.

Doz. 15c; 2 doz. 25c; 100 \$1.00; 1000 \$7.50
By mail or express prepaid add 10c for 1st dozen and 5c for each additional dozen, 35c per 100, \$1.50 per 1000.

CAULIFLOWER

EARLY SNOWBALL.
DANISH DRY WEATHER.

Doz. 25c; 100 \$1.75; 1000 \$10.00
By mail or express prepaid add 10c for 1st dozen and 5c for each additional dozen, 35c per 100, \$1.50 per 1000.

CELERY

WHITE PLUME.
GOLDEN SELF BLANCHING.

Doz. 25c; 100 \$1.75; 1000 \$13.50
By mail or express prepaid add 10c for 1st dozen and 5c for each additional dozen, 35c per 100, \$1.50 per 1000.

CHIVES

Clumps 20c; doz. \$1.75.
By mail or express prepaid add 10c each, doz. 50c.

MINT

TRUE SPEARMINT.
Roots 25c; doz. \$2.00.
By mail or express prepaid add 10c each, doz. 50c.

TOMATOES

SPARK'S EARLIANA.
DWARF CHAMPION.
JOHN BAER.

Doz. 25c; 100 \$1.75; 1000 \$15.00
By mail or express prepaid add 10c for 1st dozen and 5c for each additional dozen, 35c per 100, \$1.50 per 1000.
Plants from pots Each 10c; doz. \$1.00
Big plants from pots in bud ready to bloom Ea. 25c; doz. \$2.50
These plants are shipped by express only.

DORMANT ROOTS*

ASPARAGUS

CONNOVER'S COLOSSAL.
PALMETTO.

Two-year-old roots Doz. 35c; \$1.75 per 100
Three-year-old roots Doz. 50c; \$2.50 per 100
By mail or express prepaid add 15c for 1st dozen and 10c for each additional dozen, 75c per 100.

HORSERADISH

ROOTS Doz. 25c; \$1.50 per 100
By mail or express prepaid add 10c for 1st dozen and 5c for each additional dozen, 50c per 100.

CROWNS Doz. 50c
By mail or express prepaid, add 15c for 1st dozen and 10c for each additional dozen.

JERUSALEM ARTICHOKE

This vegetable is known as Jewish potato on the Pacific Coast. It is a variety of Helianthus and cultivated for the tubers which make a novel and exceedingly palatable dish, when cooked and served in the same manner as turnips. They are well adapted to any soil where potatoes can be grown. They are often used as hog food on account of their great fattening properties.

1 lb. 10c; 3 lbs. 25c; 10 lbs. 75c. Postage extra.

ONION SETS

YELLOW GLOBE DANVERS 1 lb. 15c; 10 lbs. \$1.35
WHITE PORTUGAL 1 lb. 15c; 10 lbs. 1.35
SHALLOTS (Multipliers) 1 lb. 25c; 10 lbs. 2.00
EGYPTIAN (Top Onion) 1 lb. 20c; 10 lbs. 1.75
Add postage charge at zone rates. See page 2.

RHUBARB

MAMMOTH.

WAGNER'S CRIMSON GIANT.

Divided roots Each 25c; doz. \$2.50
By mail or express prepaid add 10c each, doz. 50c.
Large clumps 35c, 50c, \$1.00

*HOW TO MAKE AN ASPARAGUS BED

CULTURE. An Asparagus bed is usually formed by setting out plants. One or two year's time is saved by planting two or three year old roots. A bed of 15 x 50 feet requires about 150 plants which is usually considered to be enough for an ordinary family. Asparagus delights in a moist, sandy soil but can be grown in any garden if care is taken in preparation of the bed. The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. If the sub-soil is not naturally loose, it should be made so by thoroughly stirring with a sub-soil plow or spade. Set the plants about four inches deep and one to two feet apart in rows three to five feet apart. After the plants are well started give frequent and thorough cultivation. Early the next spring spade in a heavy dressing of manure or other

fertilizer and one quart of salt to each 100 square feet, and cultivate well as long as the size of the plants will permit it or until they begin to die down. The next season the bed may be cut over two or three times, but if this is done all shoots, no matter how small, should be cut, and after the final cutting, give a good dressing of manure, ashes and salt, and frequent cultivation until the plants meet in the rows. In autumn, after the tops are fully ripe and yellow they should be cut and burned. If well cultivated and manured the bed should give a full crop the following season and continue productive for 8 or 10 years.

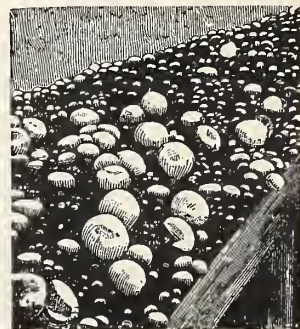
It is particularly essential that the dressings of salt that are advised above should not be omitted, as salt not only keeps down the weeds, but is a necessary fertilizer for Asparagus.

MUSHROOM SPAWN

LAMBERT'S PURE CULTURE is produced from original spore cultures, which permits the indefinite reproduction of selected varieties without dilution of the strain. This culture is free of any trace of the parasitic diseases of the mushroom. It is the most vigorous and prolific spawn on the market. Each brick weighs about 20 ounces and will spawn about 10 sq. ft. of bed.....Per brick 35c; 10 bricks \$3.00

If wanted by mail, add postage at zone rates. See page 2.

THE GARDENER, by L. H. Bailey. You get full advantage of Dr. Bailey's unequalled knowledge in this book. It tells how to grow flowers, vegetables, and fruits from the time of planting to maturity. Special articles on different types of gardening. Information that is easy to find and simple to use. 116 illustrations, 260 pages.....\$2.00



SEED POTATOES

CULTURE. Tubers should be planted 4 inches deep in rows, at intervals of about 16-20 inches. The rows should be 3 feet apart to allow of easy cultivation.

Cut seed should be as blocky as possible with as little cut space as possible on each piece and preferably at least two eyes in each. We advise that all cut seed should be dusted with Semesan Bel to prevent rot.

The early varieties can be set out any time after February 1st and the main crop varieties before May 5th as early planting gives better results. For early crops the potatoes should be sprouted in trays before planting.

ACCLIMATION. Authorities all agree that it takes three seasons to thoroughly acclimate potatoes. We therefore offer none but strains of the third generation grown in the Puget Sound region.

EARLY VARIETIES

AMERICAN WONDER. An early, pure white potato of handsome appearance. Splendid quality. Very productive.

BEAUTY OF HEBRON. Considered the best early pink skin potato.

EARLIEST OF ALL. The most productive early white potato ever introduced into the Northwest. Two weeks earlier than other early varieties. Uniformly round and smooth; an excellent cooker.

EARLY EPICURE. The earliest known potato. This variety imported from England has proven to be from three weeks to one month earlier than Early Rose. It is of medium to large size with very deep eyes, color of skin deep cream. Meat white, mellow and very fine flavor.

EARLY ROSE. Earliest of all of the rose colored varieties.

EARLY OHIO. Pink skin; good quality.

IRISH COBBLER. Splendid creamy white potato for early market. Large, round, sometimes slightly netted. Produces very smooth potatoes and will bake dry and mealy, even before ripe.

MAY QUEEN. A very attractive early potato with white, smooth skin. The meat is pure white, mellow, and of excellent flavor. Very productive. This variety was imported from England. The seed we offer is grown in Canada and is certified by the Government of British Columbia.

MAIN CROP VARIETIES

BURBANK. Oblong, white; one of the best known main crop varieties.

GOLD COIN. A fine main crop potato for home use or market. Large, oval tubers, of rich cream color.

NETTED GEM. On the east side of the mountains, is often called Yakima Gem.

PRIDE OF MULTNOMAH. One of the best productive varieties. Large, long tubers. Skin white and smooth.

PRICES

	5 lbs.	10 lbs.	25 lbs.	100 lbs.
American Wonder .....	.35	.60	1.40	5.00
Beauty of Hebron .....	.35	.60	1.40	5.00
Earliest of All .....	.35	.60	1.40	5.00
Early Epicure .....	.50	1.00	2.25	8.00
Early Rose .....	.35	.60	1.40	5.00
Early Ohio .....	.35	.60	1.40	5.00
Irish Cobbler .....	.35	.60	1.40	5.00
May Queen (Certified) ..	.75	1.25	3.00	10.00
Table Queen (New)	1.00	1.75	4.25	15.00
Burbank .....	.35	.60	1.40	5.00
Gold Coin .....	.35	.60	1.40	5.00
Netted Gem .....	.35	.60	1.40	5.00
Pride of Multnomah .....	.35	.60	1.40	5.00

If wanted by mail add postage at zone rates, see page 2.
Write for special prices for 2 sacks or more.



Earliest of All Potatoes

A NEW VARIETY

TABLE QUEEN. A new variety of great merit imported from Scotland. (Seed grown for Malmö & Co. in British Columbia.) Heavy crop of handsome tubers. Round, white flesh, slightly netted with very shallow eyes. Exceptionally noticeable, that, although a very heavy crop, there are no small tubers.

Grow a Larger, More Profitable Potato Crop with SEMESAN BEL —the Instantaneous seed potato dip



At least 50% of all seed potatoes planted in this country carry disease in some form or other. Even the use of certified seed does not insure against disease. Semesan Bel now offers a rapid, effective potato disinfectant which eliminates the disadvantages of old fashioned methods. Just mix Semesan Bel with water, dip your potatoes, drain and plant. No time consuming soaking necessary. Semesan Bel may be used with cold water. Harmless to sprouted potatoes. One man can treat from 200 to 400 bushels of potatoes per day. Generally controls such destructive seed-borne diseases as scab, rhizoctonia and black leg. By protecting the seed piece against rotting caused by certain soil-borne organisms, it frequently promotes more uniform germination of seed pieces and often improves the stand and vigor of the plants. One pound treats 16 to 22 bushels of seed potatoes. Prices: 4 oz., \$.50; 1 lb., \$1.75; 5 lb., \$8.00; 25 lb., \$31.25.



Treat seed potatoes by the effective instantaneous Semesan Bel dip method

Ask for
Booklet





WHEAT—Marquis

CLOVERS

	1 lb.	10 lbs.	100 lbs.
Alsike	\$.50	\$4.75	\$45.00
Bokhara, Sweet,			
White Blossom ....	.25	2.40	23.00
Bokhara, Sweet,			
Yellow Blossom ..	.25	2.40	23.00
Red Clover,			
Malmo's XX .....	.40	3.75	35.00
Red Clover,			
Mammoth .....	.60	5.50	50.00
White Clover,			
Dutch Fancy .....	.60	5.50	50.00

GRAIN SEEDS

	1 lb.	10 lbs.	100 lbs.
Barley, Beardless ....	.10	\$.60	\$5.00
Barley, Common ....	.10	.50	4.00
Barley, White Hulless ..	.10	.60	5.00
Field Peas, Canada			
White .....	.10	.75	6.50
Field Peas, Blue Bell,			
Washington State			
Certified .....	.10	.85	8.00
Oats, Swedish Select ..	.10	.50	4.00
Oats, Danish Giant..	.10	.50	4.25
Oats, Oregon Grey			
Winter .....	.10	.50	4.25
Rye, Common .....	.10	.45	3.75
Rye, Rosen .....	.10	.50	4.75
Vetch, Common .....	.10	.85	8.00
Vetch, Hairy or			
Winter .....	.20	1.65	15.00
Wheat, Bluestem ....	.10	.50	4.50
Wheat, Red Russian ..	.10	.45	4.00

FARM SEEDS

PASTURE GRASS

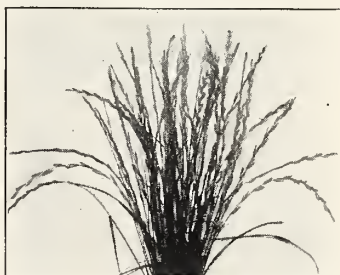
	1 lb.	10 lbs.	100 lbs.
Blue Grass, Kentucky	\$.45	\$4.25	\$40.00
Blue Grass, Canada .....	.45	4.25	40.00
Crested Dogtail	1.00	9.50	90.00
Fescue, Sheeps .....	.50	4.75	45.00
Fescue, Meadow (Eng. Blue) .....	.35	3.25	30.00
Orchard Grass .....	.35	3.25	30.00
Red Top, Fancy .....	.40	3.75	35.00
Red Top, Ordinary or Unhulled .....	.30	2.75	25.00
Rye Grass, Italian (Dom.) .....	.15	1.40	13.00
Rye Grass, English (Dom.) .....	.15	1.40	13.00
Rye Grass, Pacey's Perennial .....	.25	2.40	23.00
Sudan Grass .....	.20	1.75	15.00
Timothy, Fancy .....	.15	1.40	13.00

ALFALFA

	1 lb.	10 lbs.	100 lbs.
Alfalfa, Special Recleaned .....	.50	4.75	45.00
Alfalfa, Grimm Certified Idaho .....	.60	5.75	55.00

FIELD ROOT SEEDS

	1/4 lb.	1 lb.	10 lbs.
Carrot, Danvers			
Field	\$.50	\$1.75	\$15.00
Carrot, Long Orange			
Field .....	.50	1.75	15.00
Carrot, Large White			
Belgian .....	.30	1.00	9.00
Carrot, Improved Short			
White .....	.30	1.00	9.00
Turnip, Cow Horn..	.30	1.00	9.00
Turnip, Purple Top			
White Globe Field ..	.30	1.00	9.00
Turnip, Purple Top			
Yellow Aberdeen..	.30	1.00	9.00
Ruta Baga, Improved			
American Purple			
Top .....	.20	1.00	9.00
Ruta Baga, Yellow			
Swede .....	.30	1.00	9.00
Rape, Dwarf Essex..	.15	1.25	
Kale, Thousand Headed	.60	5.50	
Sugar Beet, Klein Wanzleben	1/2 lb. 35c; 1 lb. 60c		
Sugar Beet, French White Sugar	1/2 lb. 35c; 1 lb. 60c		
Mangel Wurzel, or Stock Beets			
Danish Sludstrup (White Flesh)			
Golden Tankard (Golden Flesh)			
Giant Yellow Intermediate			
(White Flesh)			
Mammoth Long Red (Red Flesh)			
Large Yellow Globe (White Flesh)			
Giant Half-Sugar (Pink Flesh)			
1/2 lb. 25c; 1 lb. 40c; 5 lbs. \$1.75			



RYE GRASS



ORCHARD GRASS

FIELD CORN

Price of all Field Corn, January 1, 1930	1 lb. 12c; 10 lbs. \$1.00
FLINT VARIETIES—Extra Early Yellow Flint; Early Eight-Rowed Canada; King Philip.	
DENT VARIETIES—Pride of the North (Earliest Golden Dent); Leaming; Minnesota No. 13.	
ENSILAGE—Red Cob.	

PLANTING CHART—GRASS AND FIELD SEEDS

Variety	Per Acre	Time to Plant	Variety	Per Acre	Time to Plant
Alfalfa	20 lbs.	Fall or Spring	Grass, Per. Rye	30 lbs.	Fall or Spring
Barley	120 lbs.	Feb. and March	Grass, Italian Rye	25 lbs.	Fall or Spring
Buckwheat	25 lbs.	May to July	Kale	8 lbs.	April to June
Carrot, Field	4 lbs.	April	Mangel Wurzel	8 lbs.	April to June
Clover, Alsike	8 lbs.	Fall or Spring	Peas, Field	125 lbs.	Feb. to May
Clover, White	6 lbs.	Fall or Spring	Rye	100 lbs.	Fall or Spring
Clover, Red	12 lbs.	Fall or Spring	Rape	20 lbs.	April to June
Corn, Field	12 to 60 lbs.	April to June	Sugar Beet	8 lbs.	April to June
Grass, Kentucky Blue..	35 lbs.	Fall or Spring	Turnip, Field	4 lbs.	April to June
Grass, Red Top	15 lbs.	Fall or Spring	Vetch, Common	90 lbs.	Fall or Spring
Grass, Timothy	15 lbs.	Fall or Spring	Vetch, Hairy	30 lbs.	Sept. to Dec.
Grass, Orchard	30 lbs.	Fall or Spring	Wheat	100 lbs.	Fall or Spring

Items on this page are priced f. o. b. Seattle, if wanted by mail add postage at zone rates, see page 2



NEW AND CHOICE CANNAS

The wonderful size of flowers, depth of coloring, and graceful habit of plants in the modern Canna, has greatly increased its usefulness to the garden lover. They require practically no care after planting. Most effective displays are obtained when massed in beds or planted in rows, but it is advisable to confine the show to one particular variety to avoid clashing of colors. West of the Cascades, where the summer is not hot, they are more than effective because the foliage does not burn.

CULTURE. Dormant roots should be potted in 4 or 5 inch pots, or planted in shallow boxes in February or early March, and kept in a warm place to start them into growth. The started plants may be set out in May. To prepare a Canna bed, dig to a depth of 1½-2 feet, placing in the bottom of the bed about 10-12 inches well rotted stable manure. Fill in enough soil on top of the manure to make the plants set about 2-3 inches above it. The soil used should be good garden soil, enriched with fertilizer.

NEW SELECT VARIETIES

AMBASSADOR. Height, 4 feet. Color, brilliant red. Foliage, bronze. Considered an improvement on King Humbert, but brighter colored flowers of Poppy-red.

APRICOT. Height, 4 feet. Color, apricot. Foliage, green. The chief characteristic of this flower is its marvelous durability, for it stands heavy rain and hot sun better than any other variety that we know. The color is a buff yellow, base over-spread with salmon pink, making a mass effect of rich apricot.

HUNGARIA. Height, 5 feet. Color, scarlet. Foliage, green. Undoubtedly the finest of all the red Cannas. Foliage is rich green and quite scald-proof. Flowers are 7 inches across, with individual petals that are firm and long-standing.

PRESIDENT. Height 5 feet, Color scarlet, Foliage green. Undoubtedly the finest of all the Cannas. Foliage is rich green and quite scald-proof. Flowers are seven inches across; individual petals that are firm and long standing.

Price of the above varieties.

Dormant bulbs (ready Feb.-March)....25c each; \$2.50 doz.

Growing plants (ready April-May)....45c each; \$4.50 doz.

THE ORCHID FLOWERED VARIETIES

KING HUMBERT. Height, 4 feet. Color, orange scarlet. Foliage, bronze. A novelty ten years ago and still one of the finest varieties in existence. It is a free bloomer, with rich, coppery bronze, massive foliage. The flowers are produced in enormous trusses of a rich, orange scarlet. The single flowers measure 5-6 inches across and many are flecked with crimson markings.

YELLOW KING HUMBERT. Height, 4 feet. Color, rich yellow, spotted red. Foliage, dark green.

This is a sport of King Humbert, producing large flowers in most beautiful shades of yellow, lightly spotted with red. Being a sport, some plants will occasionally give one or more flowers scarlet or scarlet striped. The

foliage is a dark green. The plant often bears five or six spikes of flowers at one time.

WYOMING. Height, 6 feet. Color, orange. Foliage, bronze. A luxuriantly growing variety which is usually used for massed bedding in large areas. The flower spikes are immense, carrying large, orange flowers.

WINTZER'S COLOSSAL. Height, 5 feet. Color, scarlet. Foliage, green. A true counterpart of King Humbert. Equally as attractive and free growing, but has a dark green foliage.

Price of the above varieties.

Dormant bulbs (ready Feb.-March)....20c each; \$2.00 doz.

Growing plants (ready April-May)....35c each; \$3.50 doz.

STANDARD VARIETIES

METEOR. Height, 4 feet. Color, deep red. Foliage, green. A vigorous grower, with healthy green foliage. Flowers are deep crimson and very large.

SHENANDOAH. Height, 4 feet. Color, salmon pink. Foliage, bronze. The best reasonably priced salmon pink, bearing fine trusses of beautiful, waxy flowers. A sturdy and reliable grower.

QUEEN CHARLOTTE. Height, 4 feet. Color, orange scarlet. Foliage, green. A sturdy and effective bedding variety. Flowers have a curious gold band on orange scarlet.

AUSTRIA. Height, 5 feet. Color, lemon chrome, spotted red. Foliage, green.

Price of the above varieties.

Dormant bulbs (ready Feb.-March)....15c each; \$1.50 doz.

Growing plants (ready April-May)....30c each; \$3.00 doz.

The bulbs of Canna are greatly benefited when dusted with **SEMESAN** which completely kills all fungus diseases and prevents the tubers rotting.

PRIZE-WINNING DAHLIAS

Selected Varieties — Many Blue Ribbon Winners

Modern hybridizing and selection of types and colors has produced gorgeous new dahlias that excel in color and beauty. New and sensational varieties annually attract more attention at flower shows. Because dahlias are adaptable to soils and climatic conditions almost everywhere, they are one of the most popular garden flowers.

The varieties listed below include the best standard sorts and selected Prize Winning Varieties—dahlias of outstanding merit that have won blue ribbons and high awards at leading flower shows. You can easily grow prize winning

blooms in your own garden. A selection from these many fine varieties will give you the finest and best in dahlias.

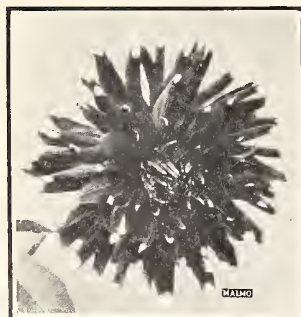
CULTURE. Plant in spring. Soil should be spaded deep, well pulverized and thoroughly worked. Lay the dahlia tubers flat in the ground, from four to six inches deep. Cover with well pulverized soil enriched with good commercial fertilizer, being careful that fertilizer does not come in direct contact with the tubers. A handful of fertilizer may be hoed in around each plant about mid-season. Dahlias thrive best from deep cultivation, good drainage, plenty of sunshine and moisture.

Select DECORATIVE Varieties



DECORATIVE DAHLIA

- flower Dahlia. Real merit. Prize winner.....\$1.00
- EL CAMINO REAL. Gorgeous, velvety Spanish crimson. Magnificent size, often ten inches in diameter. A beautiful variety\$1.00
- EL DORADO. Pure gold, deepening at center. Immense flowers on good stems. Desirable all-purpose dahlia.....\$1.00
- ELLINOR VANDERVEER. Satiny rose pink, immense size, perfect stem. One of the very best.....\$1.00
- EMPRESS EUGENIE. Light rosaline purple, shading to light mallow purple. Early free bloomer. Blooms large, good stems\$1.00
- FAITH GARIBALDI. Perfectly formed flowers, deep rose color. Strong stems carry flowers high above the foliage. A Gold Medal Dahlia\$1.00
- FRANCIS WILLIAMS. Rosy pink with lavender sheen. An excellent cut flower and exhibition variety. New 1929\$2.50
- HAVELLA. Beautiful shade of old rose with rich golden sheen. Profuse bloomer, large flowers of fine texture.....\$1.00
- INSULINDE. Saffron yellow blending to russet orange on reverse. Large flowers held erect on magnificent stems. Keep well when cut. Prize winner\$1.00



AL KORAN. A glorious yellow flower, deepening to amber at center. Good stems. Prize winner.....\$1.00

AMUN RA. (Also called Egyptian Sun God). Outer petals copper and orange, deepening to rich reddish bronze. Large blossoms resembling gigantic water lily\$1.00

BUTTERFLY. Pinkish salmon shading lighter toward center to delicate cream. Outstanding cut flower\$1.00

JEAN KERR. Pure snowy white, dwarf habit, free blooming. Good cut flower\$1.00

JERSEY'S JEWEL. Mallow pink flowers of immense size. Excellent for exhibition\$1.00

J. W. DAVIES. Bright purple-rose shading to deep cerise in center. Fine quality\$1.00

SPECIAL COLLECTION. 1 bulb of each of above 30 varieties, postpaid\$24.50

DECORATIVE DAHLIA

JERSEY'S BEAUTY. Live, deep, pink; perfect blooms carried high on strong stems. Sweepstakes winner 1929 Washington Fair\$1.00

KITTY DUNLAP. Bright old rose; very popular; stems long and straight. Enormous size\$1.00

LADY CLAIRE. Chinese yellow; immense size; fine grower. Ideal exhibition and cut flower\$2.50

MEPHISTOPHELES. Ruby red showing golden yellow points at tips of petals. An all-purpose Dahlia.....\$1.00

MR. H. C. DRESSELHUYS. Beautiful blush pink, stems extra long, flowers held erect. Profuse bloomer. Awarded sweepstakes 1925 Western Washington Fair.....\$1.00

MR. CHAS. WHITMAN. Pleasing creamy-pink, shading cream in center, making a delicate pastel blend of pink and cream. Enormous flower. A beautiful dahlia. Ideal exhibition and cut-flower\$5.00

MRS. FANNIE HIDDEN. Canary yellow, profuse bloomer. Keeps well when cut\$2.00

MRS. HERB SMITH. Clear canary yellow; greatly resembles a huge chrysanthemum. Blooms early and late; ideal cut flower\$2.00

MRS. I. DE VER VARNER. Lively pinkish mauve; large and always popular\$1.00

NOBILIS. Striking combination of scarlet and white with white predominating. Very attractive\$1.00

PATRICK O'MARA. Soft orange buff tinged rose. Long stems, excellent cut flowers\$1.00

ROMA NELL. Deep, bright rose, immense blooms, ideal cut flower and exhibition variety\$1.00

ROMAN EAGLE. Flaming, brilliant burnished copper color; admired by all. Excellent exhibition variety.....\$1.50

SAGAMORE. Amber gold, shaded to warm salmon rose and orange buff. Excellent for cut-flowers, exhibition.....\$1.50

SOMMERSET. Salmon to old rose. Fine garden or exhibition dahlia. Excellent keeper\$1.00

SHADOWS LAVENDER. Beautiful shading of lavender and white; flowers large, long perfect stems; keeps well. Should be in every collection. Has won many prizes\$1.00



HYBRID CACTUS DAHLIA

DECORATIVE DAHLIA

Separate Nursery Stock Catalog — FREE ON REQUEST

PRIZE-WINNING DAHLIAS



CACTUS DAHLIA

Select HYBRID CACTUS Varieties

- BOB PLEUSE. Deep crimson, easy petal tipped white. Very large, unusually attractive. One of the most admired varieties existing. Profuse bloomer. Ideal cut flower and exhibition variety. Has won and is still winning many prizes75c
- COL. CHAS. LINDBERGH. A rich, velvety, deep maroon; flowers on long stiff stems. Free blooming, good keeper. Excellent cut flower and for exhibition\$2.50
- DADDY BUTLER. Color of American Beauty rose or rosy carmine. Petals perfectly rolled. Profuse bloomer, perfect stems. Excellent cut flower50c
- GOLDEN WEST. One of the very best of its type. Extra long graceful stems. Color old gold50c
- MARIPOSA. Large artistically-formed flowers, beautiful shade of lavender, white and pink. A prize winner....75c
- MRS. G. C. BURBANK. Rosy pink, shaded lavender; medium sized blooms produced abundantly on stiff stems. Ideal florist flower and one you will like. Awarded sweepstakes 1926 Western Washington State Fair.....\$2.50
- MRS. GLEN McLEOD. Salmon rose shading to old gold. Large and free flowering. New\$2.50
- MRS. ETHEL F. T. SMITH. Creamy white shading to lemon tint in center. Profuse bloomer. Long stems....50c
- SPECIAL COLLECTION. 1 bulb each of the above 8 varieties, postpaid\$8.50

Select CACTUS Variety

- BALLET GIRL. A very striking Dahlia. Some flowers are orange edged white, others pure orange, and still others a variation of white and orange, all on same bush. Splendid cut flower. None better for exhibition75c

Select PEONY FLOWERED Varieties



Peony Flowered Dahlia

- CAMILLE FRACHON. Intense, glistening, aniline-red, deepening to rich garnet. Habit of growth ideal. Unusually attractive..\$1.00
- PAUL AUSTIN. One of the largest and finest. Color, old rose, petals edged gold; petals fluted with a reflex of rosane purple. New 1929\$2.50
- SCREAMER. Violet purple, suffused mauve. Giant flowers on long, strong stems. Fine exhibition flower75c



POMPOM

DAHLIA



SHOW DAHLIA

Select SHOW Varieties

- B. P. O. E. True purple. Very attractive. Satisfactory florists' flower because of its good keeping qualities and good stem\$2.50
- MAUD ADAMS. Snowy white, tipped pink; most dainty..50c

Select POMPOM Varieties

- POMPOM. Lately greatly increased in popularity, because they are beautiful as cut flowers and for decorative purposes. They come in almost all colors, bloom freely, and keep well. Easy to grow.
- AMBER QUEEN. Amber, shaded apricot.
- ARIEL. Flesh pink and lavender.
- GOLDEN QUEEN. Golden yellow.
- GRETCHEN HEINIE. Blush white, heavily tipped with rose.
- HEDWIG POLWEG. Red and white variegated.
- LASSIE. Old rose.
- JESSICA. Yellow edged red.
- JOE FETTI. Pure white, the very best.
- PHOEBE. Orange red, with yellow base.
- SKEEZIX. Lavender pink, very small.
- VIVID. Vivid red.
- Price of the above25c each; \$2.50, doz.
- COLLECTION. 1 bulb each of the above 12 varieties, postpaid\$2.50

Every Dahlia Grower

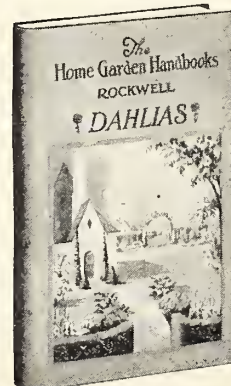
Should Possess This Book

IT IS PROFUSELY ILLUSTRATED

DAHLIAS,

By F. F. Rockwell.

Learn to know the different types of dahlias and their uses in your garden, how to plant and grow them, what fertilizers to use, how to control pests, how to harvest and store the tubers, grow for exhibition, and how to propagate and hybridize. Brief and practical. 65 illustrations, 80 pages \$1.00



JAPANESE LILIES



LILIAM AURATUM

Lilies planted out of doors during the fall or early spring flower in succession each year from June to October. They will increase in size, beauty and number of flowers as our Coast climate is perfectly suited to their requirements. They do best in the hardy border for the reason that the flowering stems bear masses of roots immediately below the ground surface and the shady situation helps these roots to better feed the plants. In planting use any good garden soil but good drainage is essential. Cover the bulbs at least twice their own height, and if possible, spread one inch of sharp sand under the base, so that after the bulbs make basal roots the sand will provide drainage in winter.

AURATUM. The Golden-Rayed Lily of Japan. Pure white flowers, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Flowers of immense size, deliciously fragrant.

MAMMOTH BULBSEach 45c; doz. \$4.50
FIRST SIZEEach 25c; doz. \$2.50

AURATUM PLATYPHYLLUM. An improved variety of Auratum. Flowers larger, spots yellow, not as fragrant.

MAMMOTH BULBSEach 50c; doz. \$5.00
FIRST SIZEEach 35c; doz. \$3.50

ELEGANS ATROSANGUINEUM. Petals deep velvety-red inside; brown shaded to orange outside. Upright flowered typeEach 25c; doz. \$2.50

ELEGANS INCOMPARABLE. Bright vermilion flowers, with wide overlapping petals, throat deeply spotted. Upright flowered typeEach 25c; doz. \$2.50

HENRYII. (The yellow Speciosum). A rare and very beautiful lily from China. Flowers of rich apricot yellow, spotted brown. Very hardy. Stems strong, five-six feet. Each 45c; doz. \$4.50

LONGIFLORUM GIGANTEUM. The well known snow white fragrant hardy garden lily. Good for indoor culture, for Easter Lily.

MAMMOTH BULBSEach 35c; doz. \$3.50
FIRST SIZEEach 20c; doz. \$2.00

MYRIOPHYLLUM. See L. Regale.

REGALE. (Royal Beauty). A beautiful new variety which flowers early in July. Height 4 feet, bears 4 to 12 flowers on stiff stems. Color is white slightly suffused with pink, with a beautiful shade of canary yellow at the center. Perfectly hardy and very fragrant.

MAMMOTH BULBSEach 35c; doz. \$3.50
FIRST SIZEEach 25c; doz. \$2.50

SPECIOSUM ALBUM. Beautiful snow white flower. Flowers in August. Height 2-4 feet.

MAMMOTH BULBSEach 45c; doz. \$4.50
FIRST SIZEEach 25c; doz. \$2.50

SPECIOSUM MAGNIFICUM. Rich, ruby carmine, margined white. Much superior to all other Speciosum varieties.

MAMMOTH BULBSEach 35c; doz. \$3.50
FIRST SIZEEach 20c; doz. \$2.00

SPECIOSUM MELPOMENE. Rich, blood-crimson, heavily spotted. Color is intensified by a narrow margin of white. Blooms in August.

MAMMOTH BULBSEach 45c; doz. \$4.50
FIRST SIZEEach 25c; doz. \$2.50

SPECIOSUM RUBRUM. (Roseum). White, shaded and spotted with rose and red.

MAMMOTH BULBSEach 25c; doz. \$2.50
FIRST SIZEEach 20c; doz. \$2.00

TIGRINUM SPLENDENS. (Single Tiger Lily). Each 20c; doz. \$2.00

TIGRINUM FLORA PLENA. (Double Tiger Lily). MAMMOTH BULBSEach 25c; doz. \$2.50
FIRST SIZEEach 15c; doz. \$1.50

CALLA LILY

Valuable as conservatory or house plant.

GODFREY. Pure white flowers, very free blooming. Each 25c; doz. \$2.50

MACULATA. Ivory white flowers, spotted foliage. Each 35c; doz. \$3.50

WHITE. Large trumpet shaped flowers. Each 25c; doz. \$2.50

ELLIOTTIANA. Rich, golden yellow flowers. Foliage dark green with white spots. Each 35c; doz. \$3.50

MONTBRETIA

One of the most brilliant and showy of all summer flowering bulbs. Of easy cultivation and perfectly hardy. Very useful as a bright cut flower, keeping long in water. It has graceful spikes 8-12 inches long bearing from 20 to 30 showy star shaped flowers.

SELECT BULBSdoz. 75c; 100 \$5.00
FIRST SIZEdoz. 50c; 100 \$3.50

TIGRIDIA PAVONIA—The Mexican Shell Lily

Plant in Spring from March to June, 4-6 in. deep and 6 in. apart. They are as hardy as gladiolus and not harmed by slight frosts. Blooms are variable—no two alike—purple, rose, white, red or yellow. Each 15c; doz. \$1.50

LILY OF THE VALLEY

One of the most charming spring flowering plants, producing in profusion delicate, bell-shaped flowers. Thrive in rich, sandy soil and a shady situation—are perfectly hardy and can be left undisturbed in the open ground where they will increase from year to year. Very attractive in beds or borders. For outdoor planting and winter forcing pips are ready December to March.



SELECTED PIPS. For forcing indoors or planting outside. Doz. 60c; 100 \$4.50

SELECTED CLUMPS. For outdoor growing.....Each 50c

GLADIOLUS

THE MOST POPULAR OF ALL SUMMER-FLOWERING BULBS

This beautiful class of bulb, which has one of the longest continuing flowering periods, has attained great popularity during the last ten years, owing to the great improvement made both in range of color and strength of stem. As a cut flower it rivals any other, lasting from five to ten days after cutting by daily changing of the water and removing of withered flowers.

CULTURE. Plant in the spring in thoroughly prepared good garden soil to insure the acme of results. Good quality flowers may be produced in almost any soil but the size depends largely on the amount of fertilizer used. To insure continuous blooming until frost successive plantings at fifteen days intervals should be made. The bulbs may be lifted for storing only after the tops have turned completely brown.

— NOVELTY —

MR. W. H. PHIPPS. Exquisite La France pink, overlaid with salmon rose, which lightens towards center. The lower petals are faintly striped and flecked with ruby.

Flowers are borne in enormous trusses with as many as 20 blooms, which are perfectly placed on the stem, open at a time.

The outstanding feature of this variety is its length and strength of stem; a necessity for carrying such huge flowers. When properly grown the stems attain a height of 4 feet, are sturdy and not easily broken or bent by the weather Each 25c; doz. \$2.50

NEW AND SELECT VARIETIES

	Each	Doz.	100
AMERICA. Clear, soft flesh pink	5c	\$.50	\$4.00
ANNA EBERIUS. Reddish purple, shaded on lower lip.....	10c	.80	6.00
BARON JOSEPH HULOT. Deep indigo blue	10c	1.00	7.50
CRIMSON GLOW. Vivid scarlet-red, lighter throat.....	10c	.65	5.00
DR. F. E. BENNETT. Flame scarlet, exhibition variety.....	15c	1.50	12.00
E. J. SHAYLOR. RUFFLED—A superb, deep rose pink.....	10c	.65	5.00
EVELYN KIRTLAND. Pink with brilliant scarlet blotches on lower petals	10c	1.00	7.50
GOLDEN MEASURE. Pure yellow, self color	15c	1.25	9.00
GRETCHEN ZANG. Soft pink blending into scarlet on lower petals	10c	.65	5.00
HALLEY. See Wilbrink.			
HERADA. Pure mauve	10c	.80	6.00
JACK LONDON. Light salmon, vermillion stripes. Canary- yellow throat with ruby stripes	15c	1.25	9.00
J. A. CARBONE. Orange salmon	15c	1.25	9.00
LILY WHITE. Early white	10c	.65	5.00

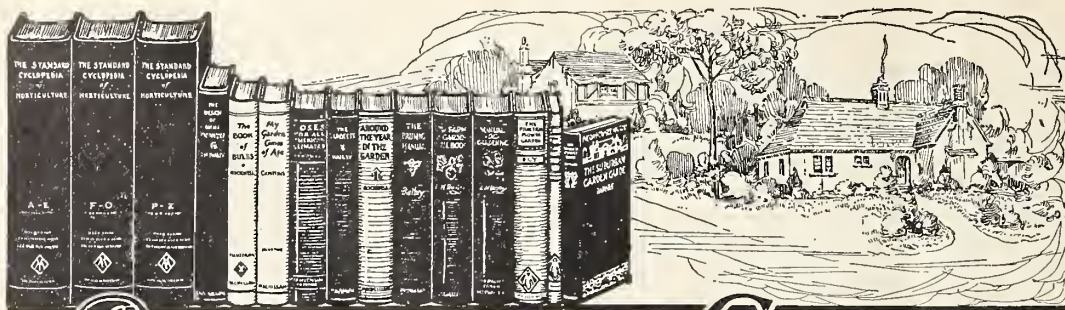
	Each	Doz.	100
LOS ANGELES. Shrimp-pink, orange blotch	15c	1.50	12.00
LE MARECHAL FOCH. Very delicate pink. A seedling of "America," produc- ing flowers twice the size of its parent..	5c	.50	4.00
MISS AMERICA. (Miss Fay Lanphier). Exquisite watermelon pink suffused coral, often having a crystalline texture on the petals as if frosted	10c	1.00	7.50
MRS. FRANCIS KING. Scarlet, crimson blotch	5c	.50	4.00
MRS. JOHN R. WALSH. RUFFLED— Flesh pink	15c	1.50	12.00
NEW			
MRS. DR. NORTON. La France pink shading to a very pale pink throat.....	10c	1.00	7.50
MRS. FRANK PENDLETON. An elegant rose-pink blended with white. Large car- mine blotches on lower petals.....	10c	.65	5.00
MRS. LEON DOUGLAS. Begonia-rose, striped with flame and scarlet.....	15c	1.50	12.00
NEW			
MRS. WATT. Glowing shade of wine-red..	10c	1.00	7.50
MURIEL. Beautiful orchid shade, with purple blotch on lower petals.....	10c	1.00	7.50
NIAGARA. A light primrose-yellow, slight- ly tinted with rose-pink in throat.....	10c	1.00	7.50
PANAMA. Delicate rose-pink	5c	.65	5.00
PEACE. White with lilac featherings.....	5c	.50	4.00

	Each	Doz.	100
PRINCE OF WALES. Salmon-pink shad- ing to pink throat. Faint scarlet blotch on lower petals	10c	.80	6.00
PURPLE GLORY. RUFFLED—Rich, vel- vety maroon with almost black blotches....	10c	.65	5.00
RICHARD DIENER. RUFFLED—La France pink	10c	.75	5.50
ROSE ASH. Most attractive shade Ashes of roses	10c	1.00	7.50
SCARLET PRINCEPS. (Virginia). Bright scarlet, brighter throat	10c	.65	5.00
SCHWABEN. Clear canary-yellow with a touch of dark red in the throat.....	10c	.80	6.00
VIRGINIA. See Scarlet Princeps.			
WILBRINK. (Improved Halley). Early delicate pale pink	5c	.50	4.00
WHITE GIANT. Mammoth, pure white..	10c	.80	6.00
EXHIBITION MIXTURE. Contains many of our best varieties.....	5c	.50	3.50
SELECT MIXTURE. Grand assortment of colors	\$25.00 per 1000; 5c	.35	2.75

PRIMULINUS HYBRIDS

ALICE TIPLADY. Grenadine-orange, self color, lower petals lighter	5c	.50	4.00
JEWELL. Beautiful salmon-pink	5c	.50	4.00
MAIDEN'S BLUSH. Delicate salmon-pink slightly flushed light rose.....	5c	.50	4.00
MING TOY. RUFFLED.—Apricot-buff....	5c	.50	4.00
SOUVENIR. A pure canary-yellow.....	5c	.50	4.00
MIXED COLORS	5c	.50	4.00





Books for better Gardens

THE GARDEN LIBRARY

PLANNING YOUR GARDEN, by W. S. Rogers. Here, in the most readable form imaginable, are countless suggestions for the amateur gardener. Besides copious illustrations there are 32 model garden plans worked out in detail. An invaluable book to the beginner or the amateur gardener who is not satisfied with his garden plan as it is....\$2.00

THE VEGETABLE GARDEN, by Adolph Kruhm. The most intensive methods of growing all vegetables are described thoroughly in this book which will interest both the amateur and the gardener of wide experience. The smallest vegetable patch can be made the source of many good things for your table.....\$2.00

ROSES AND HOW TO GROW THEM, by J. H. McFarland. The "Queen of All Flowers" should be in every garden. Mr. McFarland points out the secrets to successful rose-growing and explains the care that should be given both the plants and soil.....\$2.00

FLOWER GROWING, by Leonard Barron. Your experience has probably taught you that different varieties of plants need very different care. You need not lose your favorite bulbs through ignorant storing or improper planting. You need not watch your pet shrubs wither and die because you have planted them too deep. 225 pages, illustrated.....\$2.00

HOUSE PLANTS, by Parker J. Barnes. With "House Plants" every flower lover can have cheering foliage and blossoms all the year round. It tells what plants will thrive with limited light and heat as well as those which need a sunny window. "Home" florists will find many delights in this book.....\$2.00

LAWN MAKING, by Leonard Barron. The most important part of the grounds surrounding your house is the lawn. Are you satisfied with yours? Is it free from weeds, smooth and even in color? Illustrated.....\$2.00

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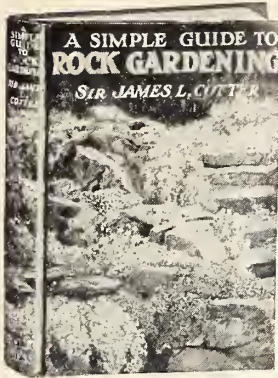
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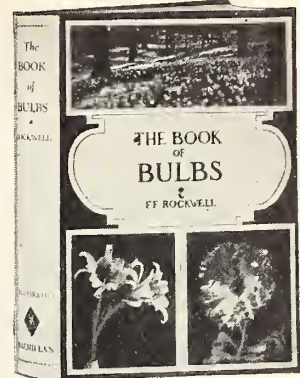
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FLOWERS

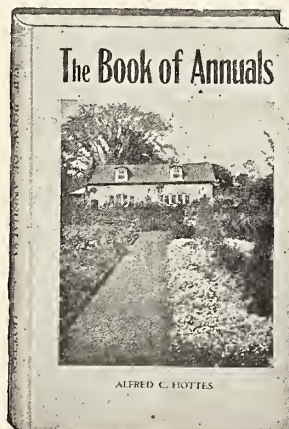
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We offer a complete selection of Bedding Plants—both potted and grown in flats—ready for planting out when warm weather begins about the latter part of April, after which time they are on display at our store. The plants listed here are exceptionally well adapted for use in borders, window boxes, hanging baskets or for massing. By mail 15c dozen extra for postage and packing.



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
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ASPIDISTRA. Beautiful, stiff, shining foliage. Hardy. Requires very little care. In either green or variegated. Each \$1.50, \$2.50 and \$3.50

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RUBBER PLANT. Hardy. One of the best known and most popular house plants. Broad, glossy leaves have a very handsome appearance.

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PHOENIX. A very beautiful addition to interior decoration.

Vigorous growth; graceful recurring leaves, hardy.

Each \$1.00, \$1.50, \$2.50, \$5.00, \$7.50, \$10.00



PALM

On account of liability to damage in the mail, plants on this page can be shipped only by express

MALMO'S COMMERCIAL FERTILIZERS

BLOOD AND BONE—High-Grade

This is a Packing House product composed of waste meat and bone with blood added to bring up its nitrogen content to nearly double that of commercial tankage at a small additional cost. Nitrogen being the most essential plant food, this fertilizer will go much further than ordinary tankage commonly called "Blood and Bone."

5 lbs. 35c; 10 lbs. 60c; 20 lbs. \$1.10; 50 lbs. \$2.25; 100 lbs. \$4.25

BONE MEAL

PURE ANIMAL. (Steamed). A high grade meal of almost equal analysis to raw. The steaming process eliminates practically all of the objectionable odor, without lowering the chemical content. Especially recommended for dressing lawns.

5 lbs. 25c; 10 lbs. 45c; 50 lbs. \$1.75; 100 lbs. \$3.00

PURE ANIMAL. (Raw). A finely ground meal made from fresh animal bone. Valuable as a fertilizer where a large amount of phosphoric acid is required, such as, lawns, rose beds and other permanent plantings. It releases plant food continually through slow decomposition. It also gives the advantage of a good nitrogen content.

5 lbs. 30c; 10 lbs. 50c; 20 lbs. 90c; 50 lbs. \$2; 100 lbs. \$3.50

FISH FERTILIZER—High-Grade

A high quality ground and dried fish fertilizer for quick results in the growing of roses, or the making of lawns or other uses where production of luxuriant foliage is desired. **FOR ROSES:** One small handful for one treatment well mixed in soil.

FOR NEW LAWNS: 100 lbs. to 1,500 square feet. Apply broadcast and rake in well before sowing seed.

FOR OLD LAWNS: 100 lbs. to 3,000 square feet. Spread evenly, through a screen, if possible. Pulverize all lumps. Wet down with a coarse spray.

50 lbs. \$2.25; 100 lbs. \$4.25. Ask for quantity price.

GYPSUM OR LAND PLASTER

For sweetening soil, freeing plant food and supplying sulphur 50 lbs. 60c; 100 lbs. \$1.00.

LIME—Hydrated

Pure Hydrated Lime, best adapted for general use, including lawns, neutralizes the acid of the soil making it possible for fertilizer to accomplish maximum results. This form is quick and efficient. An application will attain the same results as twice the quantity of Ground Lime Rock.

20 lbs. 40c; 50 lbs. 75c; 100 lbs. \$1.50

LIME FLOUR

The finest ground lime flour obtainable. Used in preference to hydrated lime for sweetening the soil as it is easily applied and does not cake when wet. 50 lb. 75c; 100 lb. \$1.25

LIME ROCK—GROUND

Used for sweetening the soil, but on account of slower action must be used in larger quantities than Hydrated Lime. One ton or more per acre required, according to extent of acidity of soil. Indispensable to success in growing Alfalfa on the west side of the Cascade Mountains. 100 lb. sack \$1.00

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This is a very strong, quick acting fertilizer and is the best form of Potash available for ground that is lacking in this element. It is packed 200 lbs. in a bag and is generally used at the rate of about 1 bag to the acre.

5 lbs. 25c; 10 lbs. 45c; 20 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25; 1 sack (200 lbs.) \$6.50

NITRATE OF SODA

Nitrate of Soda is entirely soluble, like salt, and should be used frequently in light dressing for best results; 150 to 200 lbs. per acre.

5 lbs. 25c; 10 lbs. 50c; 20 lbs. 90c; 50 lbs. \$1.90; 100 lbs. \$3.75; 200 lbs. or more, \$3.50 per 100 lbs.

SHEEP MANURE

The sheep manure we offer and recommend is kiln dried and finely ground, practically free from germinable seeds and moisture. 20 lbs. 50c; 50 lbs. \$1.00; 100 lbs. \$1.75

500 lbs. \$8.00; 1000 lbs. \$15.00; per ton \$28.00

SULPHATE OF ALUMINUM

A highly soluble fertilizer of high nitrogen content, which is being recommended by authorities to take the place of Sulphate of Ammonia for dressing lawns.

5 lbs. 40c; 10 lbs. 75c; 20 lbs. \$1.40; 50 lbs. \$3; 100 lbs. \$5.50

SULPHATE OF AMMONIA

Strong in nitrogen, about 25%. Is very good to stimulate quick growth, but is not a complete fertilizer. Is valuable for its high percentage of nitrogen, but must be used very carefully or will burn vegetation. 5 lbs. 35c; 10 lbs. 60c; 20 lbs. \$1.10; 50 lbs. \$2.50; 100 lbs. \$4.75

SULPHUR—Agricultural

No plant can grow to maturity without the element of sulphur. It is especially prepared to make these elements available for the plants and to act upon other chemicals naturally in the soil and transforming them into plant food. Applications of from 100 to 500 lbs. of Agricultural Sulphur per acre have, in many cases, doubled the yield. 5 lbs. 35c; 10 lbs. 60c; 20 lbs. \$1.00; 50 lbs. \$2.25; 100 lbs. \$4.00

SUPER-PHOSPHATE (Acid Phosphate)

Super-Phosphate furnishes a quickly available supply of phosphoric acid and is especially desirable as a top dressing for grain and fruit. 300 to 500 lbs. per acre.

20 lbs. 40c; 50 lbs. 85c; 100 lbs. \$1.50

TANKAGE—Commercial Blood and Bone

is composed of waste animal matter, yielding its plant food quickly when spread over the soil. It is, therefore, valuable for quick growing foliage crops. 500 to 1000 lbs. per acre.

50 lbs. \$2.00; 100 lbs. \$3.50

VERT (Armour's)

A highly concentrated fertilizer prepared by the largest institution in the country 5 lb. can 60c

25 lb. bag \$2.00; 50 lb. bag \$3.75; 100 lbs. \$6.00

VIGORO—(Swift's)

A highly concentrated and odorless fertilizer. 5 lb. can 60c

25 lb. bag \$2.00; 50 lb. bag \$3.75; 100 lbs. \$6.00

MALMO'S WORMERADICATING FERTILIZER

This is an efficient preparation for destroying earthworms in lawns, putting greens, etc., and an excellent fertilizer for fine grasses. Should be used at the rate of 1/2 lb. to every square yard and thoroughly watered-in. Must never be applied when there is frost on the ground or during long dry spells unless kept continually moist for at least two or three days. 1 lb. 10c; 3 lbs. 25c; 10 lbs. 75c

50 lbs. \$2.75; 100 lbs. \$5.00

HOUSE PLANT FERTILIZER

STIM-U-PLANT

A concentrated fertilizer in tablet form, especially convenient for potted plants, window boxes, etc. May be used either in tablet form or dissolved in water. 30 tablets in pkg. 25c; postpaid 30c; 100 tablets in pkg. 75c; postpaid 80c.



IMPORTED PEAT MOSS

Baled at a ratio of 3 to 1 pressure and we guarantee a bale to contain not less than 16 bushels with a spreading capacity of 360 sq. ft. 1 inch deep.

Excellent for lightening heavy soils, while the addition of one part peat to two parts of soil produces a most satisfactory medium in which to start flower seeds.

As a mulch for the rose bed or flower garden it has no equal. Helps seed germination, prevents soil crusting. Helps sandy soils retain more moisture. Increases soil fertility by adding humus 10 lbs. 60c

25 lbs. \$1.25; 50 lbs. \$2.25; 150 to 170 lb. bale \$4.00

Prices are f. o. b. Seattle docks, railroads, or delivered in the city on regular delivery routes, and are subject to market changes without notice.

An allowance of 25c per sack of 100 lbs. or 50 lbs. may be deducted for call at store, or nursery. Less than 50 lbs. are at call prices.

MALMO'S FERTIL-GRO

"A Magic Food for All You Sow"



GARDEN FERTIL-GRO

A complete, scientifically prepared fertilizer of purely organic compounds, for all vegetables and flowers. It is especially adapted for roses, fruits, and berries. It is a scientifically prepared blend of essential fertilizers to promote rapid growth and maximum crops. It yields the plant nutriment which it contains only as the plants require it, and is, therefore, lasting and effective.

It may be applied broadcast and cultivated in or sowed in rows and thoroughly mixed with the soil before the seed is planted. It is also adapted for use as a top dressing along the side of rows and around the hills of growing crops. 5 lbs. 25c; 10 lbs. 45c; 20 lbs. 85c; 50 lbs. \$2; 100 lbs. \$3.50

SPECIAL FERTIL-GRO BLENDS for LAWNS

Most lawns need occasional applications of a good fertilizer, but it is not usually realized that a fertilizer for grass may be just what is necessary in the spring, but, if it is applied in the fall, may be the mixture that should not be used. Grass plants in the spring need stimulation for leaf growth, but in fall should only have food for root and stem.

Don't blame the weather or other causes if you have a poor lawn. Perhaps you, unknowingly, are at fault. Write to Malmo's Grass & Lawn Department (or call) and let us give you information based on our practical experience.

LAWN FERTIL-GRO

For use on lawns which have been planted with Washelli, Evergreen or other Blue Grass Mixtures.

This fertilizer is a great foliage builder, designed to release its quickly available high nitrogen content only as fast as it can be assimilated by the plant without danger of over stimulation. When used on a new lawn it should be applied broadcast and raked thoroughly in at least 10 days before sowing the seed at the rate of 1 lb. per 15 sq. ft. For old lawns it is better to give them an even top dressing, seeing that all lumps are thoroughly pulverized, at the rate of 1 lb. to 25 sq. ft. In both cases, it should be watered well in as soon as applied. 5 lbs. 35c; 10 lbs. 60c; 20 lbs. \$1.10; 50 lbs. \$2.50; 100 lbs. \$4.50.

FALL LAWN FERTIL-GRO

For use on lawns which have been planted with Washelli, Evergreen or other Blue Grass Mixtures.

Over-feeding or wrongly fertilizing grass plants during the late fall when cold weather sets in, is very harmful. This mixture is especially prepared for giving grass the correct fertilizers for promotion of root and stem growth without over-stimulating the plant. Use 1 lb. to each 20 sq. ft. and well-water in on application. 5 lbs. 35c; 10 lbs. 60c; 20 lbs. \$1.10; 50 lbs. \$2.50; 100 lbs. \$4.50.

ACID LAWN FERTIL-GRO

A correctly balanced mixture of Acid fertilizers especially prepared for use in conjunction with Creeping Bent, and other Acid-tolerant grasses. This fertilizer is made up of ingredients which keep the soil acid. This keeps down the weeds, such as dandelion, plantain, chickweed, etc., which only thrive in an alkaline soil. If applied every Spring and Fall to Bent and Fescue lawns, no trouble with weeds should be experienced. It should be applied at the rate of 1 lb. to each 100 sq. ft., and well watered in. No larger quantity than this should ever be used at one application or burning may result. 5 lbs. 75c; 10 lbs. \$1.35; 20 lbs. \$2.50; 50 lbs. \$4.50; 100 lbs. \$8.50.



ADCO

Converts garden refuse, such as leaves, stalks, cuttings, potato, bean and pea vines, etc., into artificial manure. Adco is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc.25-lb. bag \$2.50

SOILTEX

An inexpensive and certain method of finding out whether any soil is lime-deficient. One of the most usual causes of plant failures, especially in the young stages, is a slightly acid or sour soil. By using the Soiltex method, the amount of lime necessary for corrective purposes is instantly indicated. Mailable\$1.00

SPRAY MATERIALS

ANTROL



The most effective method known for controlling Argentine and all honey dew loving species of Ants, being used very extensively along the Pacific Coast. No. 1 "Cottage" sets consisting of 9 receptacles and one pint syrup, \$1.75. Syrup, one pint can, 75c. No. 2 set, consisting of 4 receptacles and 4 ozs. syrup, \$1.00.

Not available.

ARSENATE OF LEAD. See Page 79.

BLACK LEAF 40 (Nicotine Sulphate)

A concentrated solution of nicotine sulphate containing 40 per cent nicotine. Fish oil soap mixed with this solution makes it more effective and is necessary for perfect results.

1-oz. bottle (makes 5 gals. spray)\$.35
 1/2-lb. can (makes 47 gals. spray) 1.25
 2-lb. can (makes 240 gals. spray) 3.50
 10-lb. can (makes 1,000 gals. spray) 11.75

Not available.

BLUESTONE

1 lb. 15c; 10 lbs. \$1.40
 Mailable. 100 lbs. \$9.00

BORDEAUX MIXTURE

See Fungi-Bordo.

CARCO VEGETABLE SPRAY

This preparation has been used for many years and proven very effective for the prevention of root maggot, cut worms, scale, mildew, etc. It is not a poison nor will it injure plants if sufficiently diluted. 1/2 pint 50c; pint 75c; quart \$1.25

Not available.

CREST SPRAY

A vegetable oil spray for scale, aphid and root maggots. Will not injure foliage or tender plants. May be used either as a dormant or summer spray. 1 gallon makes from 50 to 100 gallons when diluted. 1 pint 35c; 1 quart 60c; 1/2 gal. \$1.00; gal. \$1.75; 5 gals. \$7.50.

CYNOGAS (Calcium Cyanide)

Especially used for exterminating moles, gophers and rats. Care should be taken in handling as this is very poisonous to people as well as animals. 1 lb. can 65c; 5-lb. can \$2.50

Not available.

EVERGREEN SPRAY. See Page 80.

FISH OIL SOAP1-lb. bar 25c; 10 lbs. \$1.25

FORMALDEHYDE

Kills scab and prevents blight on potatoes. 1 pint makes 30 gallons. Soak seed potatoes in solution for two hours.

Not available. 1/2 pint 50c; 1 pint 90c

FUNGI-BORDEAUX (Bordeaux Mixture)

Quickly dissolved in water. Used for fungus diseases such as mildew, potato scab, tomato blight, etc. Can be used in combination with Arsenate of Lead or Paris Green. 8 lbs. to 50 gallons of water. 1-lb. can 35c; 4-lb. can \$1.25

Not available.

GO-WEST



A highly successful weevil bait used around evergreens and rock plants, in strawberry beds, cranberry beds, etc. Effective against the adult weevil, rain or shine. Used in months of May, June and July. 10-lb. pkg. \$1.80; 50 lbs. \$8.00; 100 lbs. \$15.00; f. o. b. Seattle. Not available.

GO-WEST

GRAFTING WAX (Trowbridge)

Mailable1/4 lb. 20c; 1/2 lb. 30c; 1 lb. 50c

HAMMOND'S SLUG-SHOT

Destroys slugs, cabbage worms, caterpillars, and other leaf-eating worms and insects. 1 lb. 25c; 5 lbs. \$1.25.

Mailable.



HELLEBORE

For currant worms and chewing insects....1/2 lb. 35c; 1 lb. 50c
 Not available.

K. R. O. (Kills Rats Only)

A certain poison for rats and mice only—will not harm human beings, live stock, pets or poultry and can be safely used around the home, barn or poultry house. Mailable.

Can with full instructions....2 oz. 75c; 8 oz. (farm size) \$2.00

LIME SULPHUR (Dry)

Lime Sulphur is a standard 33° Baume Lime and Sulphur solution, converted into dry powdered form, having all the effectiveness without the bother in handling. For dormant spraying in the fall or spring against Scale, Peach Blight, Leaf Curl and Twig Borer, and for summer spraying against Scab, Soot and Blotch. Mailable. 1-lb. can 30c; 5-lb. can \$1.25; 10-lb. can \$2.00; 25-lb. can \$3.75.

LIME SULPHUR SOLUTION

(Liquid). Dilute 1 part to 10 parts water.....1 gal. \$1.00
 Not available.

MAG-O-TITE

For the prevention of root maggots.

Not available. 2 lbs. 25c; 4 lbs. 50c; 8 lbs. 75c
 NICOTINE SULPHATE. See Black Leaf 40.

PESTROY

This is a new development in the insecticide world. It is a combination of Arsenate of Lead and Bordeaux Mixture in dry powder form, which makes it an exceptionally fine spray for all kinds of work, as the Arsenate of Lead possesses the insect-killing qualities while the Bordeaux controls fungus diseases. Not available1/2 pint 35c; pint 60c

NICOFUME (Liquid)

40% Free Nicotine. Prepared especially for fumigating and spraying in greenhouses and general inside work.

1/2-lb. can \$1.40; 2-lb. can \$4.25; 8-lb. can \$15.00

PETROTINE EMULSION

A concentrated spray material composed of a highly refined petroleum oil, containing toxic properties much like nicotine. A general orchard or garden spray for control of scale insects, aphid, mealy bugs, thrips, red spider and similar pests. We will be glad to advise on its application. Mailable.

3 1/2-oz. jar makes 1 gal.....25c
 14-oz. can (1 pint) makes 4 gals.....40c
 28-oz. can (1 quart) makes 8 gals.....70c
 7-lb. can (1 gal.) makes 35 gals.....\$1.80
 35-lb. can (5 gals.) makes 200 gals.....\$7.60

PRUNING COMPOUND

This preparation is being used extensively in all parts of the United States by horticulturists, as it possesses all the qualities necessary in a preparation to properly protect pruning wounds. It successfully checks weathering of the wound and also prevents the growth of bacteria or fungi. It will not injure the cambium or bark and will immediately seal up the wounds.

Mailable.

ROSE SPRAY

Kills mildew and aphid on rose bushes and other plants. Not available.

Pint 35c; quart 65c

SULPHUR

Zephyr Brand. Guaranteed 100% pure.....1 lb. 10c
 Mailable. 100 lbs. \$6.00

SNAROL

Poison bait for earwigs, slugs, snails, cut worms, grasshoppers, etc.....1 lb. 40c
 Not available. 3 lbs. 85c

TOBACCO DUST

Mailable1 lb. 15c
 10 lbs. \$1.00

TREE TANGLEFOOT

Mailable1 lb. can 60c

TREE WHITE

For coating trees to prevent sunscald and gumming.

Mailable5 lb. pkg. 65c

VOLCK

Concentrated oil spray effective against scale insects, mealy bugs, white flies, rust mites, red spider and other insects killed by contact spray. Mailable1/2 pt. 50c; pt. 75c

1 qt. \$1.00; 1 gal. \$3.00

ACME INSECTICIDES FUNGICIDES

ALL ROUND SPRAY

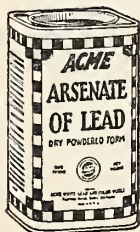


The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular.

Perfect protection for the small user is assured by complete directions in form of spraying guide attached to every package.

1/4 lb. 45c; 1 lb. 95c

ARSENATE OF LEAD



The most favored arsenical insecticide on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray....1/2 lb. 30c; 1 lb. 50c; 4 lbs. \$1.25

BAIT-M



An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn.

For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground.

1 lb. 35c; 3 lbs. 65c; 15 lbs. \$2.75

PARIS GREEN



A rich, emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on: Potatoes, tobacco, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary. 1/4 lb. 20c

1 lb. 50c; 5 lbs. \$2.40; 14 lbs. \$6.00
100 lbs. \$36.00; 250 lbs. \$80.00

GARDEN GUARD



A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

1 lb. sifter carton 35c; 5 lbs. \$1.25

BORDEAUX MIXTURE

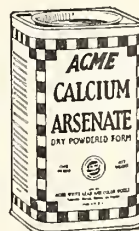
Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture.

1 lb. 40c; 4 lbs. \$1.25; 8 lbs. \$2.00
100 lbs. \$18.00



CALCIUM ARSENATE

The cheapest arsenical insecticide on the market but of great economy and efficiency for certain purposes. The accepted dust for boll weevil poisoning on cotton; also recommended to combat chewing insects on potatoes, vegetables, cotton and certain fruit trees.....1/2 lb. 20c; 1 lb. 35c; 4 lbs. \$1.00



TWO-WAY SPRAY

A balanced insecticide and fungicide containing 14% arsenate of lead and 83% Bordeaux Mixture. Two results with one application. Use wet or dry on: Apple, sour cherry, currant and gooseberry, grape, pear, plum, strawberry, pecan, bean, beet, cucumber, pepper, potato, tomato and many other fruits and vegetables.

1/2 lb. 25c; 1 lb. 45c; 4 lbs. \$1.25



LONDON PURPLE

A favored insecticide for 50 years. Now stronger and better than ever. London Purple is one of the lightest and fluffiest powdered insecticides on the market, assuring complete coverage and greatest adhesion to foliage.....1/4 lb. 15c; 1 lb. 40c; 4 lbs. \$1.00



LIME SULPHUR

A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.....1 lb. 30c; 5 lbs. \$1.25
10 lbs. \$2.00; 25 lbs. \$3.75; 50 lbs. \$7.00
100 lbs. \$11.50; 200 lbs. \$20.00



ACME SPRAYING GUIDE

Consistent of
Acme White Lead and Color Works WHEN AND WHAT TO SPRAY
Darius, Michigan

Write for this Fine Guide Free

CROP	INSECTICIDE	FUNGICIDE	SPRAY MIXTURE
APPLE	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
CHERRY	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
GRAPES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
POTATOES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
TOMATOES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PEACHES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PLUMS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PEARS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
STRAWBERRIES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
CUCUMBERS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PUMPKINS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
SQUASHES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
CABBAGES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
CAULIFLOWERS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
BRUSSELS SPROUTS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
BEANS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PEAS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
SPINACH	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
LETTUCE	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
CARROTS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
ONIONS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
POTATOES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
TOMATOES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PEACHES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PLUMS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PEARS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
STRAWBERRIES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
CUCUMBERS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PUMPKINS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
SQUASHES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
CABBAGES	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
CAULIFLOWERS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
BRUSSELS SPROUTS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
BEANS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
PEAS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
SPINACH	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
LETTUCE	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
CARROTS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE
ONIONS	BAIT-M	PARIS GREEN	BORDEAUX MIXTURE



DU-BAY SEED DISINFECTANTS

Quickens Seed Germination; Controls Fungus Diseases

Invigorates Seedling Growth; Produces Sturdier Plants

PREVENTION IS BETTER THAN CURE

For years, gardeners have sown their seeds first and fought the plant diseases afterward. By treating the seeds before planting with Semesan many harmful seed-borne diseases may be prevented. Failures have been attributed to many mysterious causes, but scientific investigations over the past decade have definitely proved that bacteria and fungi are often carried by the seed and are generally the cause of diseases which are popularly known as blights, rots and wilts.

Semesan is easily applied, and by controlling certain diseases that exist on the seed, result in better crops of improved quality.

"Damping Off." Seedlings grown from Semesan treated seeds are more resistant to the costly "damping off" fungi which so severely attack both seedlings and cuttings.

Brown Patch. Semesan prevents and cures Brown Patch, a disease of grasses that destroys the turf on golfgreens and lawns.

SEMESAN	SEMESAN BEL	SEMESAN JR.	CERESAN	NU-GREEN
A General Disinfectant for Many Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases.	An Instantaneous Dip Disinfectant for Seed Potatoes.	A dust Disinfectant for Seed Corn.	A Dust Disinfectant for Wheat, Oats, Barley and Certain other Cereals.	A Grass Disinfectant for Brown-Patch Prevention and Control. Also stimulates growth of Grass.
2-oz. tin ....\$ .50	4-oz. tin ....\$ .50	4-oz. tin ....\$ .50	8-oz. tin ....\$ .50	3-oz. tin ....\$ .50
1-lb. tin 2.75	1-lb. tin 1.75	1-lb. tin 1.75	1-lb. tin .... .75	1-lb. tin 2.00
5-lb. tin 13.00	5-lb. tin 8.00	5-lb. tin 8.00	5-lb. tin 3.00	5-lb. tin 9.00
25-lb. pail 56.25	25-lb. pail 31.25	25-lb. pail 31.25	25-lb. pail 12.50	25-lb. pail 37.50
100-lb. drum .. 220.00	100-lb. drum .. 120.00	100-lb. drum .. 120.00	100-lb. drum .. 49.00	100-lb. drum .. 145.00
300-lb. drum .. 645.00	300-lb. drum .. 345.00	300-lb. drum .. 345.00	300-lb. drum .. 144.00	300-lb. drum .. 420.00

INOCULATE THE EASY WAY USE



INOCUL-DUST-KOTE

NOW you don't have to use out-of-date, messy methods to treat your legume seeds. The new McQUEEN Dust-Kote Inoculator is just dusted on the seed. Takes but a moment to do it right in your seeder, you need no water at all. Sticks to seed and is a CLEAN, bandy inoculation.

ABSOLUTELY GUARANTEED

to give satisfactory results or your money back. This is for your protection. You are the judge of results.

Inoculate your Alfalfa, Sweet Clover, Soy Beans, Vetch, Peas, Beans and Clovers of all kinds with McQueen's guaranteed Inoculator that hastens maturity, increases the crop, improves its quality, enriches the soil and saves fertilizer bills.

Simple directions for mixing Inoculator with your seed are printed on each package of McQueen's. Only a few minutes of your time is required to inoculate your legume seed. Many Master Farmers use McQueen's.

REDUCED PRICES

FOR CLOVER OR ALFALFA

1/2 bu. size inoculates 30 lbs. seed....\$.50
1 bu. size inoculates 60 lbs. seed.... 1.00
2 1/2 bu. size inoculates 150 lbs. seed.... 1.75

FOR SOY BEANS, COW PEAS, VETCH, PEAS OR BEANS—all large seed

1 bu. size inoculates 60 lbs. seed....\$.50
2 bu. size inoculates 120 lbs. seed.... 1.00
5 bu. size inoculates 300 lbs. seed.... 1.75

GARDEN PACKET

Peas, beans, lima beans, sweet peas....\$.15

Always state kind of seed you wish to inoculate.

THE NEW SAFE WAY SPRAY PLANTS WITH



Kills most plant pests, including even cutworms. Use it freely on tender plants and flowers—it can't burn or otherwise injure them. Neither will it injure the soil.

NON-POISONOUS—

EVERGREEN kills only insects—it is harmless to man, live stock, birds and pets.

EASY TO USE—

Just mix it with water and stir. No need for constant agitating—EVERGREEN stays in solution and won't clog sprayers.

PRICES

1 1/2 oz. bottles, packed weight 1 lb.....\$.35
6 oz. bottles, packed weight 1 lb. 1.00
16 oz. bottle, packed weight 2 lbs. 2.00
32 oz. bottles, packed weight 3 lbs. 3.85
1 gal. can, packed weight 10 lbs.13.00

Add postage at zone rates. See page 2.

EVERGREEN Can Be Sent Through the Mail.

If EVERGREEN SPRAY or DUST-KOTE is wanted by mail add postage at zone rate—see page 2.

SEMESAN, etc., can only be shipped by express.

SPRAY PUMPS AND SUPPLIES

KNAPSACK SPRAYERS



AUTO-SPRAY No. 9. Tank of heavy best quality sheet brass or strong copper bearing galvanized steel sheet. Air pump of one piece seamless brass check valve. This pump is equipped with our special air release which makes a metal valve possible on this type of sprayer. Pump cylinder is of one piece which insures against leakage. The hose is $\frac{3}{8}$ -inch diameter, 5-ply, wire-bound. Carrying strap adjustable, best grade pattern webbing with bronze snaps. Brass lever shutoff with 22-inch seamless brass extension rod and screen nozzle with extra discs. Pump is locked into tank with all brass threaded cap. We cannot stress the point that this sprayer has the new drain dry feature. It is easy for anyone having had experience with compressed

air sprayers to appreciate how much longer this sprayer will last when it is taken into consideration that without exception the owner can be sure there is no moisture left in the can to either corrode or rust same.

SPECIFICATIONS

Reservoir, capacity	4 gallons
Height, over all	25 inches
Diameter	$7\frac{1}{2}$ inches
Weight, empty	9 pounds
Weight, loaded	39 pounds
Air Pump, diameter	2 inches

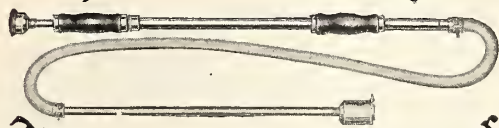
NO. 9 B. Brass tank, complete with Auto-Pop and 22-inch Brass Extension. Packed weight, 11 pounds.....\$10.00

NO. 9 D. Galvanized tank, Auto-Pop and 22-inch Brass Extension. Packed weight, 11 pounds.....\$7.50

SPRAY PIPE EXTENSIONS. Galvanized iron, threaded to fit base and nozzle. $\frac{1}{4}$ in. pipe.

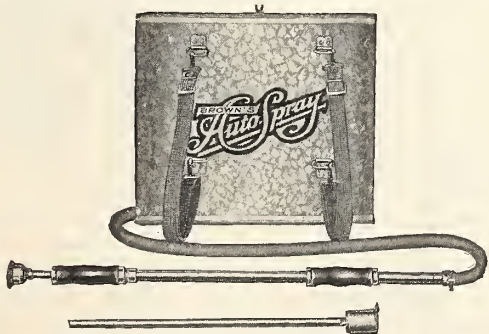
4 ft. length	\$.60
6 ft. length .....	.90
8 ft. length	1.20

It's Double Acting



The Same Spray With Half The Labor

AUTO-SPRAY NO. 5. A double acting high pressure sprayer that can be used with any pail or bucket. It is generally acknowledged to be the most powerful pump of its type manufactured. Generates a pressure of over 200 lbs. with remarkable ease. Throws a continuous spray on both the up and down stroke, and requires about one-half the labor of other pumps of this type. This pump is made of solid brass and is equipped with an extension strainer, and suction hose. This pump is equipped with extra nozzle caps to give both fine spray and long distance spray for spraying trees from the ground. Packed weight, 4 pounds.....\$5.00



KNAPSACK TANK. For use with Auto-Spray No. 5. Capacity of reservoir, $3\frac{1}{2}$ gallons.

Galvanized iron tank. Packed weight, 7 pounds.....	\$3.50
Brass tank. Packed weight, 7 pounds.....	7.50

AUTO-SPRAY NO. 50 is recommended for handling almost any liquid, agricultural insecticides, disinfectants, etc. We strongly recommend the Auto-Spray No. 50 where compressed air sprayer is required and the spraying is not extensive. It is a very powerful machine, but the capacity is not so large as Auto-Spray No. 9. This machine is most desirable when used by women, or a person who is not physically able to carry much weight.

SPECIFICATIONS

Reservoir, capacity	$2\frac{1}{2}$ gallons
Height, over all	18 inches
Diameter	$7\frac{1}{2}$ inches
Weight, empty	$6\frac{1}{2}$ pounds
Weight, loaded	23 pounds
Air Pump, diameter.....	2 inches

NO. 50 B. Brass tank, Auto-Pop and 12-inch Brass Extension. Packed weight, 8 pounds.....\$9.00

NO. 50 D. Galvanized tank, Auto-Pop and 15-inch Brass Extension. Packed weight, 8 pounds.....\$6.00



SPARE PARTS AND EXTRA EQUIPMENT

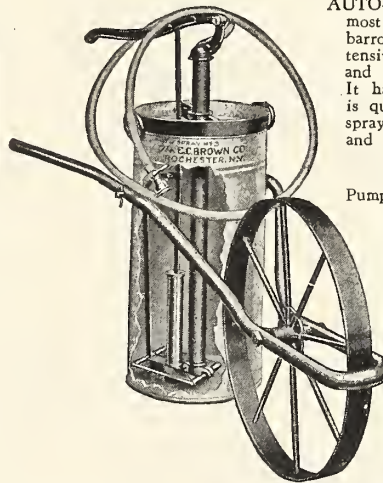
Extension Pipe, 2 ft. length, solid brass.....	\$.50
Elbow Extension, solid brass.....	.35
Strainer, solid brass	1.20
Strainer, galvanized .....	.70
Two-Row Attachment, solid brass, 1 nozzle.....	1.50
Stop-Cock, brass .....	.50
Auto-Pop Nozzle .....	.60
Auto-Pop, including nozzle.....	1.50
Auto-Pop, with base fittings (specify No. 9 or 50).....	2.00
Set Soft Parts (specify for No. 9 or 50).....	.15
Torch	1.20

WHEELBARROW SPRAYERS

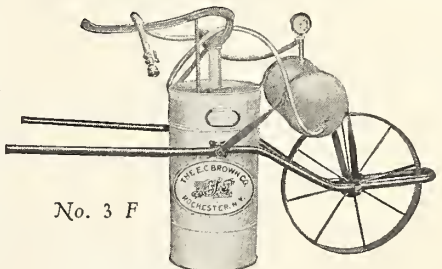
AUTO-SPRAY NO. 3 D. The most powerful and durable wheelbarrow sprayer made. It is extensively used for spraying trees and for work in a large garden. It has an adequate agitator and is quite suitable for all types of sprays, even including whitewash and cold-water paints.

SPECIFICATIONS

Pump is $1\frac{1}{2}$ " diameter. Pump cylinder is solid brass tubing. Valves and bottom casting solid brass. Agitator connected direct to handle. Air chamber is made of steel tubing. The truck is made of iron pipe. The wheel is 20" diameter and the tire is 2" wide. It is equipped with 8 feet of $\frac{3}{8}$ " high pressure hose, stop cock shutoff and Non-Clog Junior Nozzle. A 2' 8" iron extension is furnished. Galvanized tank. Packed weight, 57 lbs.\$23.50



AUTO-SPRAY No. 30 D. An efficient, small sized, durable wheelbarrow sprayer. It can be used for almost any purpose for which the larger No. 3 is used. The pump is not quite as large, and the air chamber smaller, but it has ample pressure for supplying either one or two nozzles.



No. 3 F

SPECIFICATIONS

The pump cylinder is of seamless brass tubing. Valves and bottom casting solid brass. Air chamber steel tubing. Equipped with 6 feet of $\frac{3}{8}$ " high pressure hose. 16" wheel truck with $1\frac{1}{2}$ " tire. We furnish with this sprayer a 2-ft. iron extension. Galvanized tank and truck. Packed weight 46 pounds.....\$17.50

AUTO-SPRAY NO. 3 F. This is the same as Auto-Spray No. 3 D described above with the addition of the compression tank which allows the operator to store up enough pressure so that the pump will spray for some time after pumping ceases. Compression chamber is approximately 3 gallons. Galvanized tank and air chamber. Packed weight, 145 pounds

SPRAYERS (Continued)

It Sprays Continuously

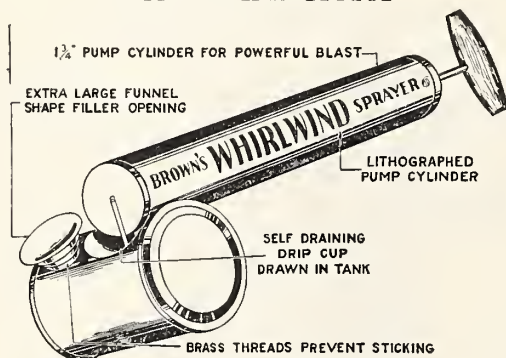


AUTO SPRAY NO. 26

An efficient, durable and continuous atomizer. We recommend this sprayer for use with all agricultural insecticides, disinfectants and household insecticides. It sprays on both up and down stroke and, therefore, requires only half the effort to do a thorough job. All parts are built of extra strong material to make it give super-service. Brass ball check valve is easily cleaned. The angle and straight nozzle are combined so that they can be easily changed.

No. 26A. 1 qt., all tin. Pkd. wt. 3 lbs.....\$1.00
No. 26B. 1 qt., tin pump, brass tank. Pkd. wt. 3 lbs.....\$1.50
No. 26C. 1 qt., all brass, special copper, bronze tank, guaranteed against cracking. Pkd. wt. 3 lbs.....\$1.75
No. 26AG. 1 qt., tin pump, glass tank. Can be more easily cleaned than the metal tank types and the operator can always tell how much liquid is in the sprayer. The jar has a standard Mason fruit jar thread. Additional jars easily obtainable. Pkd. wt. 4 lbs.....\$1.25

WHIRLWIND SPRAY



A strong, well-balanced, single action atomizer. Capacity of reservoir is 1 quart. Pump is 12" long and 1 3/4" in diameter. The dome filler cap screws into a brass filler thread. This brass connection noticeably increases the life of this sprayer. Packed weight, 3 pounds50c



DUSTER BROWN NO. 1

A powder duster of small capacity for use in the garden. It has a large powerful pump 12" in length, 1 3/4" in diameter. The mixing chamber and powder container is 1 3/4" in diameter, 4" long, and is equipped with combination screen and extension nozzle, which diffuses the particles of dust. Packed weight, 2 pounds60c

THOMPSON TWIN SPRINKLER

Made of zinc, cast in a mold which produces a smooth casting free from imperfection. Operates under high or low pressure and can not become clogged. The spray is delivered over a large area. Price35c

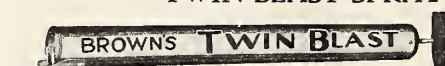
FOUNTAIN SPRINKLER

This sprinkler embodies the essential features found in the Twin Sprinkler with the addition of the fountain jet in the center. The spray is thoroughly broken up and distributed over an unusually large area. Price50c

THOMPSON SPIKE SPRINKLER NO. 75

A fine inexpensive sprinkler for spraying parking strips and small gardens and lawns30c

TWIN BLAST SPRAY

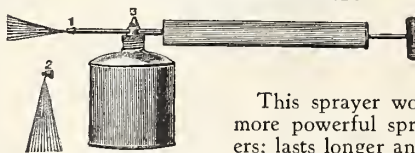


This glass reservoir, single acting, twin jet atomizer is efficient and powerful. It has a large 1 3/4" diameter pump, 18" long. It has a convenient drip cup which returns all drip to the reservoir. On account of its having 2 syphon tubes it throws a large blast of misty spray. Syphon tubes are of brass and extend into the glass jar. Hence the only parts of this sprayer that touch the liquid are protected against rust or corrosion. The can top, pump brace and pump cylinder are made of extra heavy tin plate. Capacity 1 quart. Packed weight, 4 pounds.....75c

IDEAL HAND SPRAYER

Made of heavy tin, suitable for spraying small plants and rose bushes. Capacity about 1 qt. Each 50c. 1/2-pint capacity, each 35c.

ROBERTSON COMPRESSED AIR HAND SPRAYER

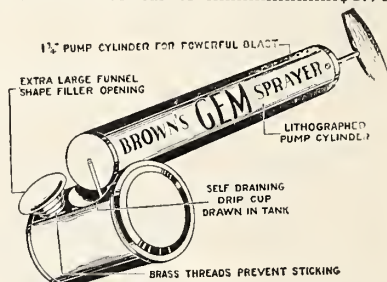


This sprayer works easily and gives more powerful spray than most sprayers; lasts longer and always works. Has an extra angle nozzle. All-brass pump and container.....\$2.00
Tin pump with galvanized iron container\$1.50

GEM SPRAY

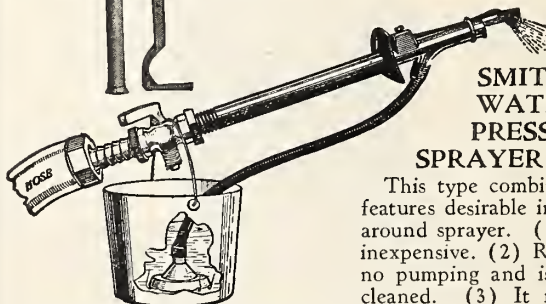
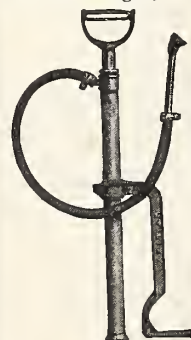
We have found this to be the most popular single acting atomizer. It is well made and durable; an excellent machine for spraying house fly oils, household insecticides, moth

spray, and insecticides on small plants. It has a 1 3/4" diameter pump cylinder which is 8" long. Capacity, 1/2 pint. Packed weight, 2 pounds40c



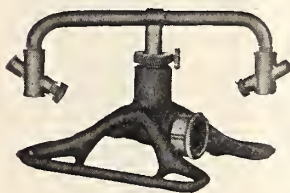
ALL BRASS BUCKET PUMP

Designed especially for use in pail or bucket. All parts of pump made of brass except handle and foot rest. Gives a strong, steady pressure on the nozzle with little exertion. Comes with two feet of hose and adjustable nozzle. Will handle whitewash as easily as spray materials. Each\$5.00



This type combines the features desirable in an all around sprayer. (1) It is inexpensive. (2) Requires no pumping and is easily cleaned. (3) It is light in weight and has no valves to get out of order or packing to blow out. (4) Can be used equally as well in spraying tallest tree or smallest shrub. Very useful in applying strong chemical fertilizers such as Sulphate of Ammonia, Nitrate of Soda, etc., in liquid form to the lawn. Price.....\$6.50

WHIRLING SHOWERS

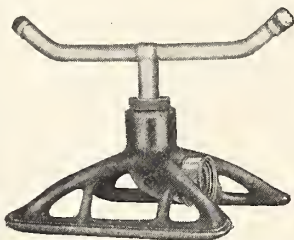
BROWN'S
Adjustable and Variable**Whirling Showers**
LAWN SPRINKLER

tion, anything from an extremely fine mist to a soaking, drenching rain is obtainable. A variety of very beautiful sprinkling effects is a feature desirable in all Lawn Sprinklers but possessed by so few.

The working parts of this Sprinkler are all of brass and will not corrode or rust. It is so balanced that there is no vibration, thereby lengthening the life of the Sprinkler and eliminating the possibility of cuting up the lawn. Packed weight, 7 pounds. Price\$2.75

REVOLVO

The Revolve Lawn Sprinkler is made with a malleable iron base with brass nozzles and brass revolving arms. The cast base being of malleable iron will not break, and the revolving arm and nozzles being made of brass will not rust or corrode. There are no soft packings used and consequently this



Lawn Sprinkler requires very little attention.

The Revolve is an excellent Sprinkler and is very satisfactory where the adjustment feature of the nozzles is not required. Packed weight, 6 pounds. Price.....\$1.75

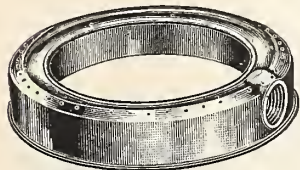
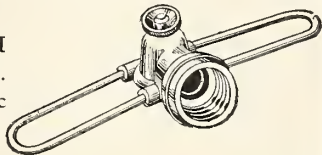
READY SHOWERS



This Lawn Sprinkler is not of the revolving type, but is stationary. It is made with a malleable iron base, a perforated brass top and brass hose connections. This is an entirely adequate Sprinkler for sprinkling small lawns where a Revolving Sprinkler is not desired or required. Packed weight, 4 pounds. Price.....\$1.00

VILLAGE BLACKSMITH
FOUNTAIN SPRINKLER.

Price69c



RING FOUNTAIN

Sheet brass, throws a fine mist over a large area. Works best under a high pressure. Price90c

HARTFORD

Blade heads on pipe with a spear point to stick in the ground, holding the sprinkler upright. Throws a fine, even spray.

2 ft. \$1.20; 4 ft. \$1.40; 6 ft. \$1.60

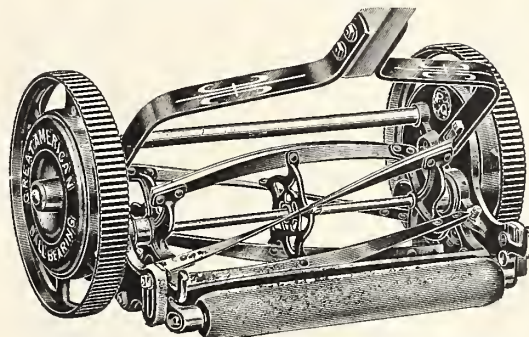


RAIN KING

A brass sprinkler having each nozzle independently.. adjustable fine or coarse, slow or fast. Designed to meet every requirement. Price\$3.50



LAWN MOWERS



GREAT AMERICAN HIGH WHEEL

We consider this the finest lawn mower made. Has 10-inch wheels, ball bearing, patent self-sharpening knife, five crucible steel blades. Parts are interchangeable and can always be obtained. Carries a factory guarantee.

15-inch cut\$22.00 | 19-inch cut\$27.00
17-inch cut24.50 | 21-inch cut29.50

AMBASSADOR BALL BEARING

A high grade, high wheel lawn mower having five blades. The gears are raised from the ground and completely housed to prevent clogging. The revolving cutter is carried on ball bearings and is easily adjusted. Carries a factory guarantee. 14-inch cut\$15.00 | 16-inch cut\$16.00

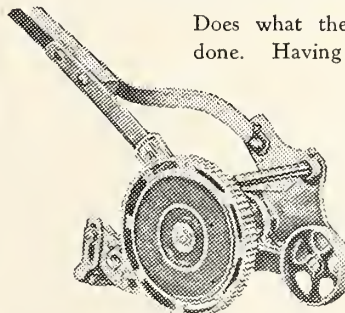
PERFECTION GRASS CATCHERS

Made of heavy white canvas, heavy galvanized roller, flanged bottom, which is so made that when the catcher is attached directly over the roller, grass will slide backwards to the lower level of the catcher. Heavy galvanized wire frames and adjustable galvanized steel hooks which will fit any mower made and are always in position to receive catcher. Adjustable for mowers for 12 to 16 inches.

\$1.50 for 16-inch mower; \$2.25 for 22-inch mower

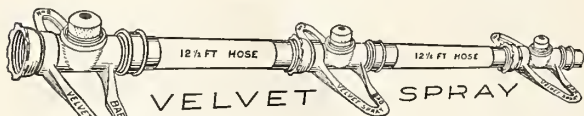
CALDWELL LAWN TRIMMER

Does what the lawn mower leaves undone. Having one side without wheel, it can run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of wall, etc. Complete, 4 blades, 8-inch cut\$14.00



LAWN ROLLERS

18 inches in diameter, 24 inches long. Can be weighted with sand or water. Net weight, 76 lbs.; when filled with water, 275 lbs., or when filled with sand, 450 lbs. Price.....\$18.50

"BAB" MULTIPLE HOSE SPRINKLERS

THE "BAB" VELVET SPRAY delivers the water as softly and as uniformly as nature without waste of your time or water. From two to eight sprinklers from ten to sixteen feet apart, can be used with 3/4-inch hose supply, with a coverage of from 200 to 1600 square feet, depending upon the pressure.

Multiple Sprinklers may tip over. The causes are, a wind or kink in hose, or too much pressure. To avoid or correct this condition, each sprinkler has a union joint (swivel joint) which permits removing of kinks and winds in hose.

Sprinklers, including union\$2.00
Sprinkler Heads only; for use on pipe sprinkler system......60

HOSE COUPLINGS AND MENDERS**NOSCREW HOSE CLAMP.**

Undoubtedly one of the best hose clamps on the market today and will sustain a pressure of 250 lbs. without leaking. Installed instantly by hand and requires no tools. Made for all sizes of garden hose. Price.....Each 15c

NOSCREW REPAIR KIT. Consisting of two clamps and brass pipe for putting inside of the hose when repairing a leak. Packed in small carton. Price.....Per kit 25c



Noscrew
Hose Clamp

**Noscrew Repair Kit
PERFECTION
CLINCHER
HOSE MENDER.**

A self-fastening mender without clamps, bolts or wires. Place in position over nipple and hammer down the cleats. Will not pull off or turn in the hose. Sizes 1/2, 3/8, 3/4. Complete



PATENTED 1910



SHERMAN WROUGHT BRASS HOSE MENDER. Seamless and free from flaws. Has larger waterway than any other mender. Deep corrugations which afford a good hold,

also furnish strength and prevent crushing. Noscrew clamps can be used with this mender. Price without clamps.....15c
With clamps25c

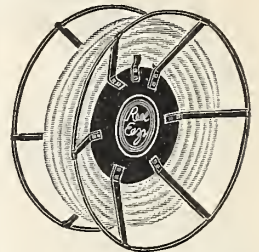
**COUPLINGS—Sizes 1/2", 5/8", 3/4"**

BRASS, per pair25c
NICKEL PLATED, per pair35c

REELEEZY HOSE REEL

Doubles the life of your garden hose.

Holds 75 ft. 3/4-in. or 100 ft. 5/8-in. garden hose. Fully loaded it does not take up any more room than the hose itself. Can be hung up anywhere. Diameter 24 in. by 9 in. wide. Finished in a grass green. The rims are of 1/4-in. steel welded into perfect circles. The hub braces are bent around the rim and riveted to the hub plates. Very substantial and will last a lifetime. Price\$2.75

**GARDEN HOSE**

MALMO'S SPECIAL. Made especially for us of extra heavy rubber by one of the largest manufacturers. It is the best hose that money can buy and will last for years if taken care of. 3/8".

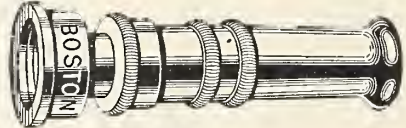
With Couplings25 ft. \$2.75; 50 ft. \$5.00

STAR. Finest quality corrugated 3/8".

With Couplings25 ft. \$4.00; 50 ft. \$7.50

RED LINE. Cotton hose 3/8".

With Couplings25 ft. \$2.75; 50 ft. \$5.00

**NOZZLES**

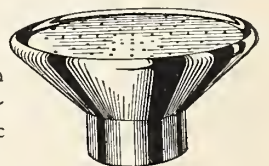
BOSTON. One of the best combination spray nozzles on the market. It has but three parts, all made of extra heavy cast brass. Can be quickly regulated from a straight, full stream to a coarse shower, a fine spray, or a finer mist. Length 3 7/8 in. Price85c

RAINBOY. Same shape as Boston, but made of wrought brass, no parts cast. New type of spray control. The central control pin does not penetrate discharge hole and reduce force of water or make spray one sided. Pin is always away from the hole while spraying. Extra strong..85c

MYSTIC. Can be used as a spray or full stream; not likely to get out of order. The stream can not be shut off entirely. Price50c

HOT HOUSE NOZZLES

Heavy cast brass, polished 3-inch flat face. Throws a large quantity of water. Price.....85c

**PRUNING EQUIPMENT****PRUNING SHEARS**

SPECIAL No. M 101. American made of finest quality steel. Volute spring. Postage paid.....\$1.00



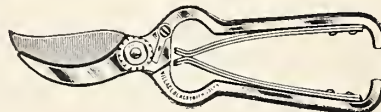
No. V128. Steel blade volute spring. Packed wt. 2 lbs. Price\$1.25

No. V129. Forged tool steel blade. Pkd. wt. 2 lbs.....\$1.25

No. V179. Forged steel tool. Packed wt. 2 lbs. Price\$1.50



No. V149. Full polish brass spring. Packed wt. 2 lbs. Price\$2.50

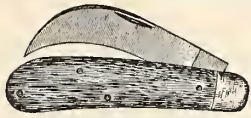


No. V 21. Finest quality steel. Packed wt. 2 lbs. Price\$3.00

7727. LADIES' NICKLEPLATED. Pkd. wt. 1 lb..... 2.00
THINNING (Grape & Vine) 6". Pkd. wt. 1 lb..... .75
OTTEY. Holds cut off twig. Pkd. wt. 1 lb..... 1.50

Items on this page are priced F. O. B. Seattle, if wanted by mail add postage at zone rates, see page 2

PRUNING KNIVES

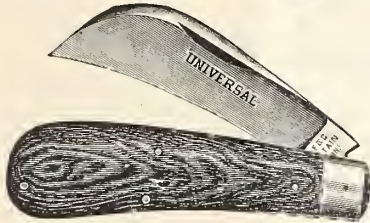


No. R 698

No. R 728. Pruning knife. High grade steel with polished nickel cap and lining. Length $3\frac{5}{8}$ inches\$1.75



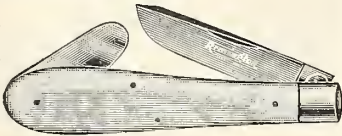
No. R 728



No. U 2132. Pruning knife. High quality and good steel. Very substantial\$1.25

BUDDING KNIVES

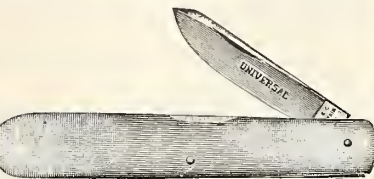
No. R 1555. Budding and Grafting Knife. Has white bone handle, high-grade steel\$1.50



No. R 1437. Budding Knife. Imitation ivory handle. One budding blade, blue glazed and etched, nickel silver bolster and lining.

Tapered shaft for grafting\$1.75

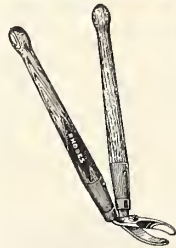
No. U 51210. Budding knife. High quality. Imitation ivory handle\$1.40



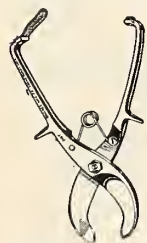
BRANCH SHEARS

RHODES DOUBLE CUT PRUNERS. These pruning shears have double cutting edge, cutting through from both sides of the limb at the same time and does not bruise the bark, but leaves a clean smooth cut that heals readily. Made of tool steel carefully ground and tempered.

They are, we believe, without exception the finest cutting as well as the best made pruning shear on the market.

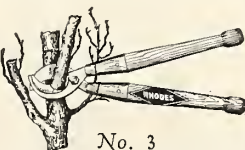


No. 1



No. 2

RHODES DOUBLE CUT WOOD HANDLED PRUNERS (3). They come in two lengths, 30 and 36 inches long over all. Price on either length\$5.00



No. 3

PRUNING SAWS

A duplex double-edge, 16-inch pruning saw. Each \$1.25



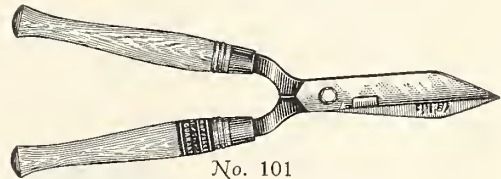
CALIFORNIA PATTERN. Silver steel, double acting, crescent - shape blade; has folding handle. Each..\$1.25

CALIFORNIA PATTERN. Silver steel, double acting, crescent - shape blade. Each..\$1.25



Steel bow frame; wooden handle; narrow spring steel, 16-inch blade. Each...\$2.25

HEDGE SHEARS



No. 101

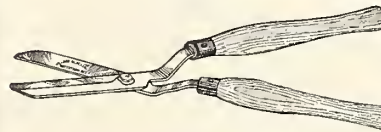
Made from the finest too lsteel, heavy blades with notch for lopping off heavy branches.

No. 101-8. 8 inch blades. Pkd. wt. 4 lbs.\$2.75

No. 101-9. 9-inch blades. Pkd. wt. 4 lbs. 3.00

No. 101-10. 10-inch blades. Pkd. wt. 5 lbs. 3.25

LADIES' HEDGE SHEARS

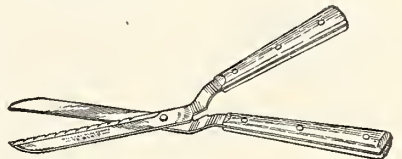


No. 600. 6-inch blade, without notch, special light pattern for ladies. Pkd. wt. 3 pounds. Price\$1.50

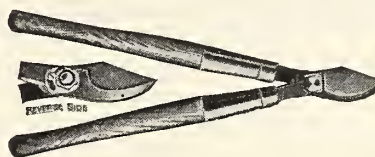
HEDGE TRIMMER TRIMSIP

No. 108. 8-inch, Special steel. Pkd. wt. 4 lbs.\$2.50

No. 109. 9-inch, Special steel. Pkd. wt. 4 lbs.\$2.75



BRANCH SHEARS



Heavy cutting blade and hook of best steel, held by ratchet set nut, 24-inch ash handles. Each\$3.25

TREE PRUNERS



WATERS PATTERN TREE PRUNER. The lever action gives greatest possible power. Blades of good tool steel supported between metal plates prevent any twisting and will cut up to $\frac{7}{8}$ -inch in diameter.

6 ft. \$1.75; 8 ft. \$2.00; 10 ft. \$2.25; 12 ft. \$2.50

THE PRUNING MANUAL, by L. H. Bailey—

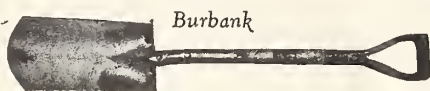
Instructions on just how and when to prune trees, shrubs, and vines. Explains the physical structure of plants, their habits of growth, methods of flower and fruit bearing and how pruning can be fitted intelligently to these. 381 illustrations, 400 pages\$2.50

GARDEN TOOLS and SUPPLIES

SPADES



NURSERYMAN'S TRANSPLANTING SPADE. Extra heavy blade of fine steel. D handle with heavy steel strap extending full length. Strongest spade in the market. Each \$4.50



BURBANK'S PATTERN. Long round pointed, slightly dished blade of best steel, with foot plate. Long D handle. Each \$2.50

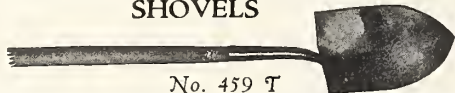
NO. 464. LONG HANDLE, SQUARE POINT. Regular pattern. Step on top of blade. Finest steel...Each \$2.00

NO. D 462. SHORT D HANDLE. Same as above except handle.....Each \$2.00

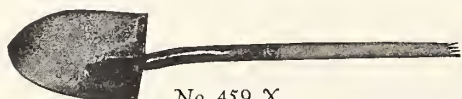
NO. 163. Round point, long curved handle, strap blade. Regular pattern.....Each \$2.25

NO. 161. Round point, short curved handle, strap blade. Regular pattern.....Each \$2.25

SHOVELS

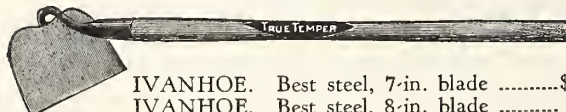


NO. 459 T. Long handle, solid steel shank. Blade straight and of finest material. An excellent pattern for spading. Each \$2.50



NO. 459 X. Long handle, well strapped, straight back. Top of blade protected with heavy foot plates.....Each \$2.00
DESERT KING No. 2. Long handle, round point, irrigating polished.....Each \$1.75

HOES

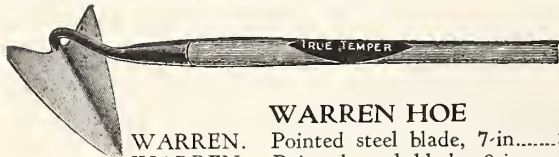


IVANHOE. Best steel, 7-in. blade.....\$1.40

IVANHOE. Best steel, 8-in. blade.....1.50

GO7. Steel socket, 7-in.....1.10

GO8. Steel socket, 8-in.....1.20



WARREN HOE

WARREN. Pointed steel blade, 7-in.....\$1.40

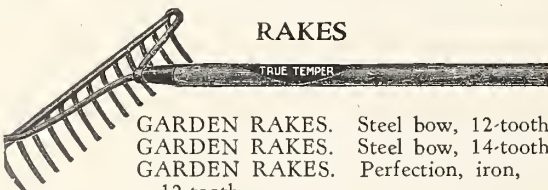
WARREN. Pointed steel blade, 8-in.....1.45



ONION HOE

3-IN. ONION. Small hoe shaped blade with short wood handle. A very efficient weeding tool.....85c

RAKES



GARDEN RAKES. Steel bow, 12-tooth..\$1.35

GARDEN RAKES. Steel bow, 14-tooth..1.45

GARDEN RAKES. Perfection, iron, 12-tooth.....1.00

GARDEN RAKES. Perfection, iron. 14-tooth.....1.10

Wooden Rakes

WOODEN LAWN RAKES, 26-tooth.....1.10

JAPANESE BAMBOO LAWN RAKES......40

FORKS



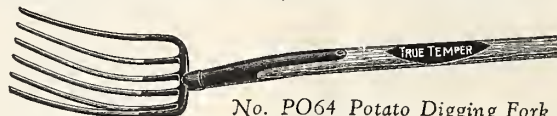
Spading Fork 05HD

No. OL4. Long handle, 4-tine.....Each \$2.00

No. 05H4. Long handle, 5-tine.....Each 2.50

No. OLD. Short D handle, 4-tine.....Each 2.00

No. 05HD. Short D handle, 5-tine.....Each 2.50



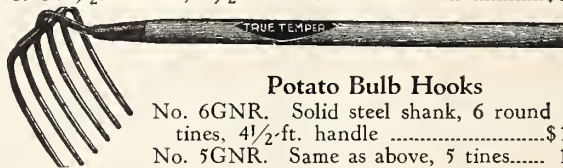
No. PO64 Potato Digging Fork

No. P064. Long handle, 6 round tines.....\$2.25

No. 06D. Short D handle, 6 round tines.....2.25

Manure Forks

No. 044 1/2. 4-tine, 4 1/2-ft. handle.....\$1.95



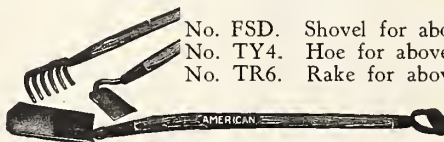
Potato Bulb Hooks

No. 6GNR. Solid steel shank, 6 round tines, 4 1/2-ft. handle.....\$1.75

No. 5GNR. Same as above, 5 tines.....1.50

Garden Set No. 3 P. F.

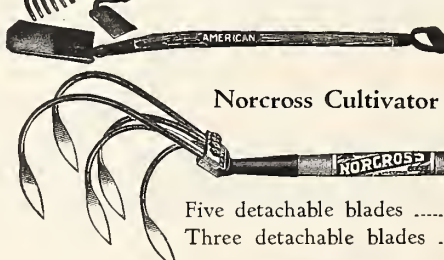
This set consists of a small hoe, rake and shovel, well made of good steel and will give excellent service.....Set \$2.25



No. FSD. Shovel for above set.....1.00

No. TY4. Hoe for above set......95

No. TR6. Rake for above set......70



Norcross Cultivator

Five detachable blades.....\$1.25

Three detachable blades.....1.00

No. DST. Solid Socket Trowel. Solid cast steel blade and socket. Wood handle. This is an exceptionally strong well made tool.....Each \$1.00



Trowel No. DST



No. 80. GARDEN TROWEL. One piece steel, 6-inch blade, smooth handle. Each.....25c

.....25c

.....25c

.....25c

.....25c

.....25c

.....25c

.....25c

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.....25c

.....25c

.....25c



BLADE SHARP ON BOTH EDGES. HOE TO BE MOVED FORWARD AND BACKWARD

MANUFACTURED BY THE ANDERSON OPEN HOE MFG. CO. 317 ORCAS ST. SEATTLE



5 1/2" blade.....90c



No. 85. GALVANIZED TROWEL. Made from heavy galvanized steel—1-piece. Each.....10c

.....10c

.....10c

.....10c

.....10c

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.....10c

Items on this page are priced F. O. B. Seattle, if wanted by mail add postage at zone rates, see page 2

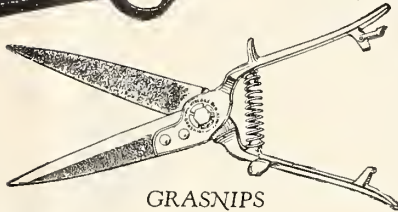
GRASS SHEAR



V B GRASS SHEAR
NO. 53. 6-in. blades,
polished steel. Handle
offset. A very good
shear. Price\$1.25

GRASNIPS

See illustration.
No. 1, Special grip,
steel blades\$1.25
No. 2, Finest
quality 85c

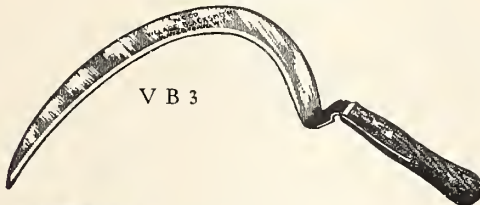


GRASNIPS

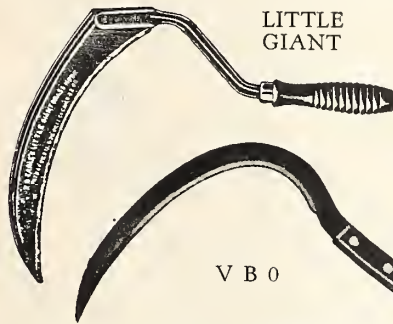
HEIMERDINGER NO. 09. The original grass shear, made
similar to ordinary shears, getting away from the trouble of
having the blades pass when striking a tough clump of grass.
Price\$1.25
No. 20, ladies' size\$1.25

GOODWIN BALL-BEARING GRASS SHEARS. The lat-
est thing in the way of high grade shears. They have patent
blades which lay tight to the ground with handles bent so
as to work up and down. Is without doubt one of the fast-
est, easiest grass shears to operate. Price.....\$2.00

GRASS HOOKS



V B 3

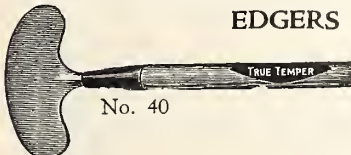
LITTLE
GIANT

V B 3. VILLAGE
BLACKSMITH.
Offset handle, nar-
row steel blade.
Finest material..65c
LITTLE GIANT
GRASS HOOK.
Offset handle and
wide steel blade,
securely bolted on.
Price75c

V B 0

V B 0. VILLAGE BLACKSMITH. Finest cutlery steel,
beech handle. Pkd. wt. 1 lb. Price40c

EDGERS



No. 40

NO. 40. Turf Edger\$1.40
"THE PINES" LAWN EDGER. Disc cut-
ting wheel with wooden rollers\$1.65



"The Pines"



Planet Jr.

PLANET JR. EDGER. The edging disc is made of high
grade steel, and will last for years. Iron guard wheel on
side, handles made of hard wood with pistol grip which
enables you to put a great deal of pressure on edger when
necessary. Price\$2.00

VILLAGE BLACKSMITH GRASS WHIP



Very handy tool for
cutting grass around
shrubby and lawn
paths. Price\$1.00

WEEDERS

EUREKA WEEDING
HOOK. High grade
steel. Has hardwood
handle. Each.....50c



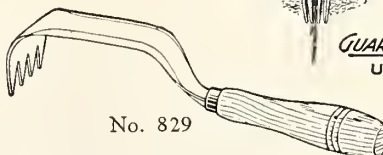
NO. 87. STEEL HANDLE
WEEDER. One piece hard
stiff steel, edges ground.
Each 20c

NO. 82 STEEL GARDEN WEED-
ER. Made from one piece steel.
Has five strong pointed fingers.
Each 25c



NO. 219 DANDELION DIGGER.
A steel blade with a forked cutting
edge at the end. Wood handle.
Used also as an asparagus knife. Each40c

SIMPLEX WEED
PULLER. Pulls weeds
out of the lawn root
and all. Easy to oper-
ate. Each\$1.00



No. 829

NO. 829. 4-prong.
Pkd. wt. 2 lbs.....35c

NO. 830. 5-prong tooled steel. Pkd. wt. 2 lbs.....45c

SPRINKLING CANS

NO. 514. 4 qt. gal-
vanized \$.95
NO. 518. 8 qt. gal-
vanized 1.20

NO. 522. 12 qt. galvanized..\$1.50

WOTHERSPOON. FOR FLOR-
ISTS. Is heavy, galvanized; extra
long spout with two copper faced
sprinkling heads, one fine, one
coarse. Shipping weight, 10 lbs.
8 qt. \$6.75; 10 qt. \$7.25



TRAPS

OUT O' SIGHT MOLE TRAP.
The surest trap for moles. Has a
strong spring that will always close.
Full directions with each trap.
Price\$1.25

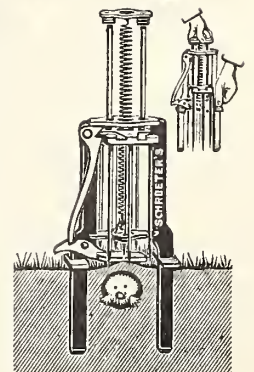
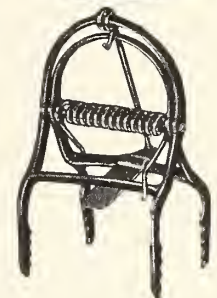
VICTOR BEAVER TRAP30c

SCHROETER'S IMPROVED
MOLE TRAP. (Self Setting). One
of the most desirable Mole Traps
on the market. Automatically set
by pulling pronged frame upward.
Height 11 in. Length of prongs,
5 1/2 inches. Width 4 inches. By
mail, postpaid\$2.25

GOPHER TRAP 10 M. Made
from steel wire. Set in entrance
of gopher hole, catches them as
they come out. Price25c

VICTOR MOUSE TRAP. One
of the best spring traps on the mar-
ket. Price.....5c each; 6 for 25c

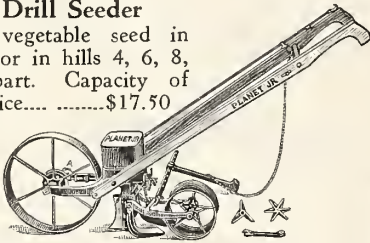
VICTOR RAT TRAP. Similar to
mouse trap, only larger and made
of heavy spring wire. Price.....20c



PLANET JR. GARDEN TOOLS

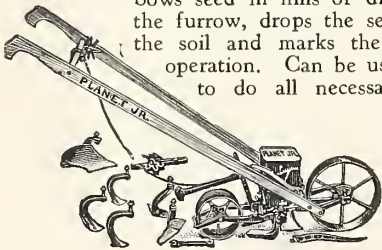
No. 3 Hill and Drill Seeder

Sows practically all vegetable seed in straight, narrow drills or in hills 4, 6, 8, 12 and 24 inches apart. Capacity of hopper, 3 quarts. Price.....\$17.50



No. 4 Hill and Drill Seeder and Single Wheel Hoe

Sows seed in hills or drills accurately. Opens the furrow, drops the seed, covers them, packs the soil and marks the next row all in one operation. Can be used as single wheel hoe to do all necessary cultivating, hilling, plowing, etc. Equipment besides the seeder attachments: One pair 6-in Hoes, three Steel Cultivator Teeth and one Garden Plow. Price\$18.00



No. 5 Hill and Drill Seeder

Same as No. 3, except the hopper capacity which is five quarts. Price\$20.00

No. 12 Double and Single Wheel Hoe

Equipment includes a pair of Garden Plows, four Steel Cultivator Teeth, pair of six inch Hoes and a pair of Leaf Lifters. As a double wheel hoe will straddle rows until plants are 20 inches high, cultivating both sides at one time. Used as a single wheel hoe when cultivating between rows. Price\$10.75



No. 13 Double and Single Wheel Hoe

Same as No. 12 except that it has only 6-inch Hoes, which are the most valuable of the cultivating attachments.....\$8.00

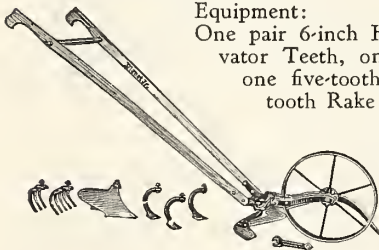
No. 16 Single Wheel Hoe

Equipment:

One pair 6-inch Hoes, three Steel Cultivator Teeth, one large Garden Plow, one five-tooth Rake and one three-tooth Rake and a Leaf Lifter.

Very complete wheel hoe and cultivator for home gardener.

Price\$9.00



No. 17 Single Wheel Hoe

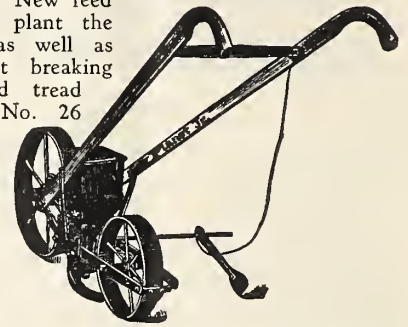
Same frame as No. 16, with the following equipment: One pair six-inch Hoes, three Steel Cultivator Teeth and one large Garden Plow. Price\$7.75

Star Pulverizer, Weeder and Cultivator

The five star discs break up the soil and the oscillating blade pulverizes it, at the same time cutting off weeds beneath the surface. Extremely valuable in flower beds, borders and among the plants that are close together. Wonderful for making a fine seed bed. Can be used for cultivating right after a rain without making the soil lumpy. Cutting width 7½ inches. Price\$3.25

No. 26 Seeder

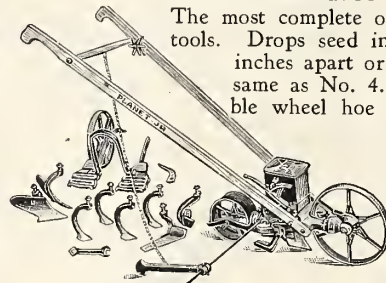
Sows in drills only. New feed enables growers to plant the smallest of seeds as well as beans, etc., without breaking any. Large, broad tread wheels make the No. 26 valuable for use in muck, sandy soils, or any other type. Opening plow opens a clean, sharp furrow. Wings on opening plow prevent soil from falling back into the furrow. Also prevents seed from blowing away. Price..\$20.00



No. 25 Hill and Drill Seeder, Double and Single Wheel Hoe

The most complete of all Planet Jr. garden tools. Drops seed in hills 4, 6, 8, 12, 24 inches apart or will plant in drills the same as No. 4. Can be used as double wheel hoe and will straddle the row until the plants are 20 inches high; or as a single wheel hoe, do all necessary cultivating work between the rows. Equipment besides seeder attachment:

One pair 6-inch Hoes, four Steel Cultivator Teeth, a pair Garden Plows and a pair Leaf Lifters. Capacity of seeder hopper, 2½ quarts. Price\$21.50



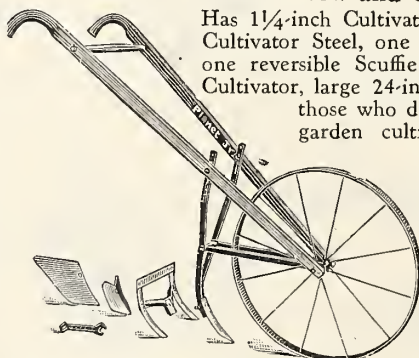
No. 35 Seeder Attachment

This little seeder attachment will fit on any Planet Jr. except No. 19. Will sow as small a quantity as one pint down to last seed. It is valuable for the gardener who already has a wheel hoe and wants a small seeder for the back yard or small garden. Price\$6.50



No. 119 Garden Plow and Cultivator

Has 1¼-inch Cultivator Steel, one 4-inch Cultivator Steel, one large Garden Plow, one reversible Scuffie Blade and 3-tooth Cultivator, large 24-inch Steel wheel. For those who desire a high wheeled garden cultivator, this tool is just what they want. Where the ground is rough, this high wheeled hoe runs easier than any other. The assortment of cultivator attachments makes it possible to do all the necessary plowing, furrowing, hilling and cultivating. Price\$4.75



"Fertil-Gro"

The Magic Food
for All You Sow!

GARDEN POTTERY and MISCELLANEOUS SUPPLIES

GARDEN POTTERY

The finish of the pottery listed here has the texture of fine grain stone and is warm gray in color, being especially adapted to garden and porch decorations.

GARDEN POT (No. 20)—12 inches high, 12 inches diameter	\$5.00
GARDEN POT (No. 20)—14 inches high, 14 inches diameter	\$7.50
GARDEN POT (No. 20)—16 inches high, 14 inches diameter	\$10.00

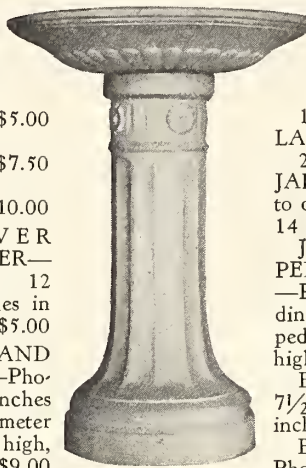


No. 20

ITALIAN FLOWER
POT AND SAUCER—
Photo on request. 12
inches high, 14 inches in
diameter

GARDEN POT AND
SAUCER (No. 5)—Pho-
to on request. 12 inches
high, 12 inches diameter
\$6.00. 15 inches high,
14 inches diameter..\$9.00

BIRD BATH (No. 3)—
28 inches high, 19½
inches diameter\$15.00



No. 3

GARDEN VASE (No. 260)—Photo on re-
quest. 17 in. high, 14½ in. wide....\$10.00

GARDEN VASE (No. 270)—Photo on re-
quest. 10 in. high, 17 in. wide.....\$10.00

LAWN VASE (No. 2)—Photo on request.
15 inches high, 5¼ inches deep.....\$10.00

LAWN VASE (No. 3)—Photo on request.
24 inches high, 14 inches wide.....\$10.00

JARDINIERE AND PEDESTAL (No. 11)—Pho-
to on request. 35 in. high,
14 in. deep

JARDINIERE AND
PEDESTAL (No. 280)

—Photo on request. Jar-
diniere 17 inches high,
pedestal 25 inches

high

BIRD BATH (No. 4)

7½ inches high, 19½

inches diameter\$10.00

BIRD BATH (No. 2)

Photo on request. 31¼

inches high, 19½ inches

diameter, 5¼ inches

deep



No. 260

POTS

Clay Flower Pots

Prices are f. o. b. our store. Packed for shipping add 20 per cent. Minimum packing charge 50 cents. While we take every precaution to pack pots so that they will arrive at destination safely we do not guarantee against breakage in transit and will not replace any pots that are broken on arrival. We advise against shipping by parcel post.

Each	Doz.	Each	Doz.
2 inch	\$.05 \$.35	7 inch	\$.25 \$2.50
3 inch .....	.05 .50	8 inch .....	.30 3.00
4 inch .....	.05 .60	9 inch .....	.50 5.00
5 inch .....	.10 1.00	10 inch .....	.75 7.50
6 inch .....	.15 1.25		

Write for special prices on large quantities. ½ and ¾ depth pots at same price as full depth.

CLAY FLOWER POT SAUCERS for above pots can be furnished at the following prices:

Each	Doz.	Each	Doz.
5 inch	\$.05 \$.50		
6 inch .....	.10 .75	8 inch .....	.15 \$1.25
7 inch .....	.10 1.00	9 inch .....	.35 3.00

Paper Flower Pots

WATER PROOF FLOWER POTS. Made from heavy paper thoroughly waterproofed.



	Doz.	100	1000
2½ inch	\$.15 \$.70	\$5.75	
3 inch .....	.15 .95	7.75	
4 inch .....	.25 1.50	12.50	
5 inch .....	.30 2.50	19.50	
6 inch .....	.45 3.00	25.50	

WINDOW FLOWER BOXES

Strongly constructed with galvanized sheet steel, water tight. Provides air circulation and proper drainage. Finished in attractive shade of green enamel.

No.	Length	Width	Depth	Price
1.....	27½ in.	9 in.	7½ in.	\$2.45 ea.
2.....	33½ in.	9 in.	7½ in.	3.25 ea.
3.....	39½ in.	9 in.	7½ in.	4.00 ea.

WIRE HANGING BASKETS

Made of heavy wire painted green with three supporting wires and a hook at top to hang it by.

	Each	Doz.
10 inch diameter	\$.25	\$2.50
12 inch diameter .....	.30	3.00
14 inch diameter .....	.40	4.00

TUBS

GREEN PAINTED WOODEN STAVE TUBS. Iron-bound, very neat and durable.



10 inch

12 inch

GREEN PAINTED CEDAR TUBS. Especially made of

heavy cedar with handles. Bottom and staves 1 inch thick; inside waterproofed, will not rot. Send for quantity prices.

16 inch

JAPANESE PLANT TUBS. Heavy staves bound with

heavy bamboo hoops. May be stained, varnished, painted.

12 inch

LABELS AND STAKES

Wooden Tree Labels

	Doz.	100	1000
Copper wired, painted, 3½ in.....	\$.10	\$.50	\$3.50
Iron wired, plain, 3½ in. ....	.10	.35	2.50

Pot and Garden Labels

Plain	Doz.	100	1000	Painted	Doz.	100	1000
4 inch	\$.10	\$.25	\$2.00	4 inch	\$.10	\$.30	\$2.25
5 inch ....	.10	.30	2.50	5 inch ....	.10	.35	2.75
6 inch ....	.10	.35	3.50	6 inch ....	.15	.40	3.75

PAINTED GARDEN LABELS. Doz. 100 1000

8 inch

10 inch

12 inch

Plant Stakes—Green Painted Bamboo

	Doz.	100	Doz.	100
1½ feet	\$.10	\$.75	3 feet	\$.20 \$1.25
2 feet .....	.15	1.00	3½ feet .....	.25 1.50
2½ feet .....	.15	1.15	4 feet .....	.30 1.75

FIR PLANT STAKES. Round, polished; especially

adapted for supporting heavy growing plants

such as Dahlias, etc. ¾ in x 4 ft. long.....

Raffia

Natural

Colored

Peerless Glazing Points No. 2

For large, thick, single glass in greenhouses, skylights, etc.
Package of 1000

Items on this page are priced F. O. B. Seattle, if wanted by mail add postage at zone rates, see page 2



PET STOCK DEPARTMENT

Our Retail Store at Sixth and Westlake is equipped with a complete line of Pet Stock Supplies and Remedies, as well as imported St. Andreasburg Rollers, Domestic Canaries, Talking Parrots and many other fancy birds in season.



SONG AND CAGE BIRDS

All Birds Are Sent Express and Prices Are Quoted F. O. B., Seattle, Washington

CANARY BIRDS

ST. ANDREASBERG CANARIES. Known the world over as the sweetest singers on earth. These birds are given a musical training and their song is sweet, soft, with many rare and pleasing notes, trills and rolls. Their cheery song brings sunshine into the home and their bright plumage and active cheerful dispositions makes them great favorites.

Selected singers \$10.00; females \$2.00

IMPORTED CHOPPER CANARIES. These are the louder, open-mouthed singing canaries.

Selected singers \$10.00 to \$12.00; females \$3.00

PARROTS

PANAMA PARROTS. We will have on hand at all times select Panama Parrots about six months of age (which is about the right age to start teaching them to talk. Each \$25.00

Talking parrots can be furnished and if interested in these older birds, write for quotations.

LOVE BIRDS

These birds have a very beautiful and distinctive color, being a vivid green. Are easily tamed. They are never sold except in pairs as they do not live long when separated from their mate. Per pair\$9.00

BIRD SEEDS, FOODS, REMEDIES AND SUPPLIES

RECLEANED SEEDS FOR BIRDS

CANARY	1 lb. 15c; 10 lbs. \$1.35
GOLDEN MILLET	1 lb. 15c; 10 lbs. 1.35
HEMP	1 lb. 15c; 10 lbs. 1.25
MAW	1 lb. 40c; 10 lbs. 3.50
RAPE, BLACK	1 lb. 15c; 10 lbs. 1.25
RAPE, GERMAN	1 lb. 20c; 10 lbs. 1.75
SUNFLOWER	1 lb. 15c; 10 lbs. 1.25
LETTUCE, White.....per oz. 10c; 1 lb. \$1.25; 10 lbs. \$10.00	
LETTUCE, Black.....per oz. 15c; 1 lb. \$1.50; 10 lbs. \$12.00	

BIRD SEED MIXTURES

BIRD SEED, Malmo's Mixture.
1 lb. pkg. 20c; doz. pkgs. \$2.00
In bulk, 10 lbs. \$1.50; 25 lbs. \$3.50
ROLLER MIXTURE. Malmo's Special Blend.
1 lb. pkg. 20c; doz. pkgs. \$2.00
In bulk, 10 lbs. \$1.50; 25 lbs. \$3.50
BIRD GRAVEL, Malmo's.
2 lb. carton 15c; doz. \$1.50



BIRD SEED, Spratt's Mixture.....pkg. 15c; doz. pkgs. \$1.50
ROLLER MIXTURE, Spratt's, with fruit
15 oz. pkg. 25c; doz. pkgs. \$2.50
NESTING FOOD, Spratt's.....pkg. 15c; doz. pkgs. \$1.50
PIGEON FOOD. Malmo's Special Mixture..Lb. 5c; 6 lb. 25c

MAX GEISLER'S REMEDIES

MOCKING BIRD FOOD. 12 oz. pkg.	60c
MOULTING FOOD. Pkg.	25c
PARROT BISCUITS.	25c
PARROT HEALTH FOOD. Pkg.	35c
CANARY BIRD TONIC. A. Song Restorer. Pkg.....	30c
CANARY BIRD TONIC. B. Diarrhoea and other digestive troubles. Pkg.	30c
CANARY BIRD TONIC. C. Colds. Pkg.	30c
CANARY BIRD TONIC. D. General tonic. Pkg.....	30c
PARROT SPRAY. Pkg.	35c
PARROT TONIC. Pkg.	35c

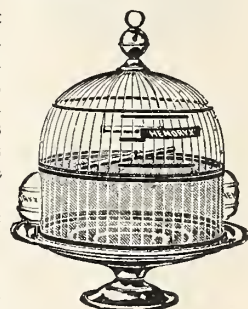
SPRATT'S AND OTHER REMEDIES

LICE POWDER GUN, FILLED. (Spratt's).....	30c
LICE POWDER. Pkg.	15c
PARASITE CURE. Pkg.	15c
BIRD MANNA. Pkg.	15c
BIRD-O-LENE. Pkg.	20c
CANARY HIGHBALLS. (Kaempfer's). Each 15c; 2 for 25c	
SING SONG. (Spratt's). Pkg.	15c
SONG RESTORER. (Spratt's). Pkg.	25c
TONIC FOR BIRDS. (Spratt's). Pkg.	15c

HENRIX BIRD CAGES

Brass cage with wire guard and foot piece. Well made, rigid and extra strong. Solid spun brass base circled with compact brass wire guard, making it very attractive. Fitted with three perches and 2 cups. Is equipped for use with a stand as well as bracket, so that it may be set on a table if desired.

No.	Dia. Ins.	Hgt. Ins.	Price
274	10 1/4	15 1/4	\$3.75
275	11	15 3/4	4.50
276	11 3/4	17 1/4	5.25

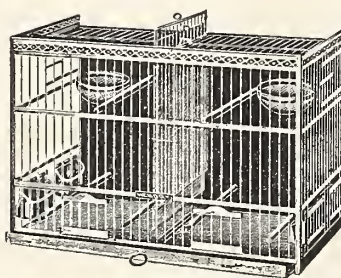


ROBIN CAGES

These cages, while made especially for robins, are sold more for canary flying cages and for surplus young stock. Are large and roomy. Have 4 cups, 3 perches, and sliding drawer.

No. 81. 16x9 3/8x16 inches	\$5.85
No. 82. 17 1/4x10 5/8x18 inches	6.65
No. 83. 20 1/4x12x20 inches	7.85
No. 84. 22 1/4x13x21 inches	8.85

BREEDING CAGES



White enameled with solid and wire partitions; with closed back; 4 glass cups, 6 perches, 2 nests and sliding drawer.

No. 86F. 17 1/4x18 3/4x14 inches	\$5.25
No. 86. 19 1/2x10x14 3/4 inches	6.25
No. 87. 22x11x16 1/4 inches	7.25
No. 88. 24 1/2x12 1/2x17 inches	9.25

BIRD BATH—The New Style

DELTA. Fits round or square cages, strongly constructed, light in weight, equipped with removable clear shield, easily cleaned. One-piece, non-leakable, seamless bottom with roll perch and adjustable snapover hooks. Enamel in colors red, blue, green, orange \$1.00; enamel in white 90c

BIRD BATH DISHES



Made especially for birds. Oblong, of right depth and regulation size. Impossible for birds to tip them over. Made of opal or glass.

Each 25c; postpaid 30c

PERFECTION BRASS CAGE

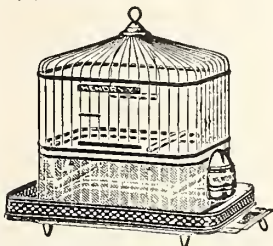


A beautiful new, fancy design with all the good and desirable features of the latest models of up-to-date cages. The graceful curved wire on the upper part makes it very attractive and pretty. New style, wide moulding base, with sliding cleaning pan.

- No. 440, with guard, $10\frac{3}{4} \times 8\frac{1}{2} \times 15\frac{1}{2}$ inches\$12.75
 No. 455, with guard, $9\frac{1}{2} \times 7 \times 14\frac{1}{2}$ inches\$10.50
 No. 25, Brass cage with fancy wire top, wire guard and drawer base. $10\frac{1}{2} \times 8\frac{1}{2} \times 15\frac{1}{4}$ inches\$7.50

WHITE ENAMELED CAGES

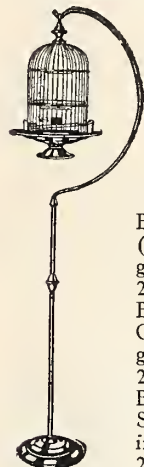
- No. 165. $9\frac{3}{4} \times 6\frac{1}{4} \times 12\frac{5}{8}$ inches.
 Price\$2.75
 No. 167. $11 \times 7\frac{1}{2} \times 14$ inches.
 Price\$3.25
 No. 168. $12\frac{1}{4} \times 8\frac{1}{8} \times 14\frac{5}{8}$ inches.
 Price\$3.50
 No. 267. Same as 167 but with wire guard attached.....\$4.50



BIRD CAGE STANDS

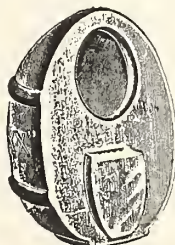
These stands are very convenient and can be moved from place to place. Heavy bases keep them from being easily knocked over. Height $5\frac{1}{2}$ feet.

- No. 18-A. Polished brass, half circle (illustrated)\$5.00
 No. 19-A. Polished brass, full circle.....\$5.50



FOOD CUPS

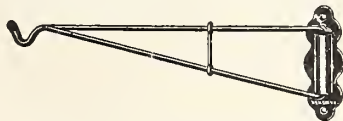
- Bird Cage Cup No. 1904 (Illustrated). Opal or plain glass. Each 15c; postpaid 20c; 2 for 35c.
 Bird Cage Cup No. 1902. Open top cup. Opal or plain glass. Each 15c; postpaid 20c; 2 for 35c.
 Bird Cage Cup No. 1916. Square cups for use in breeding and robin cages. Each 20c; postpaid 25c; 2 for 45c.



No. 1904

TONIC, OR MEDICINE CUPS. Small cups that slip in between the cage wires and hold about a teaspoonful. Ideal for song food tonics, etc.Each 10c; postpaid 15c

BIRD CAGE WALL BRACKET HOOKS

BIRD CAGE WALL BRACKET HOOKS
(See illustration)

- Heavy nickel-plated wire, 8-inch.....25c
 Heavy nickel-plated wire, 10-inch.....35c
 Brass, 8-inch30c
 Brass, 10-inch45c

CAGE SUSPENSION SPRINGS

- Heavy double springs (illustrated).....50c
 Single springs35c
 Cage suspension spring with adjustable chain40c



Spratt's Cat Food; suited to long and short haired breeds. Composed of a combination of meat, cereals, etc., in correct proportion to form a balanced ration. Cats fed on it can be kept in the best of health the year around. Comes in three forms—in combination with milk, fish or plain.

Per pkg. (1 lb. 8 oz.) 30c

CUTTLEBONE HOLDERS

(Illustrated)

Inexpensive and a great convenience. Will hold cuttlebones of any size and will not ruin the cage as when cuttlebone is pushed between the wires.

- Holder only15c
 Holder with cuttlebone20c



- WIRE BIRD NESTS.....Each 15c; postpaid 20c
 NESTING HAIRPackage 10c; postpaid 15c

CAGE COVER

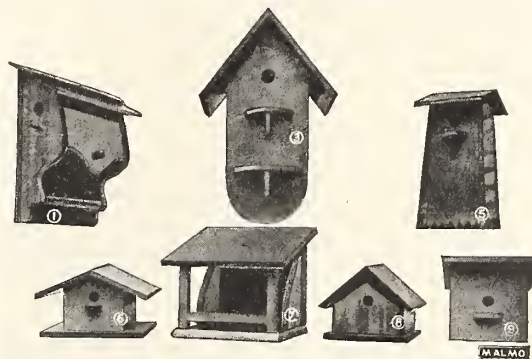
- KOMFY KANARIE KAGE KOVER\$1.50

BOOKS ON BIRDS

(postpaid)

- Canary Breeding and Training.....35c
 Feathered Pets35c
 Parrots and Other Talking Birds35c
 Canaries, Their Varieties and Management25c

WILD BIRD HOUSES



The bird houses listed are substantially constructed of the best Seasoned Selected Red Cedar. Our designs combine beauty, grace, and utility which will form an attractive and practical addition to any garden. These houses are of superior quality and finish in all materials and workmanship. A variety of appropriate color combinations—to harmonize with any surroundings—bring the birds to a "home" where their cheery songs freshen the atmosphere and their toils aid in the protection from undesirable insects.

- No. 1. BLUEBIRD. An attractive home of pleasing design. Hinged bottom for cleaningPrice \$5.00
 No. 1A. Same as No. 1, only doublePrice \$6.00
 No. 2 BUNGALOW. 3 rooms. Strikingly distinctive and original in design. Substantially constructed.....\$6.50
 No. 3. FLICKER. Particularly strong in construction and with door in back to facilitate cleaning.....Price \$5.00
 No. 4. WREN. An unusually attractive home, durably constructed. Copper trimmed roof — optional plain or beveled siding. Bottom hinged for easy cleaning..Price \$4.50
 No. 5. NUTHATCH. Double compartment home, copper trimmed roof. Hinged side to facilitate cleaning.....\$5.00
 No. 6. BLUEBIRD. Bungalow type of home with copper trimmed roof. Bottom hinged for easy cleaning.....\$2.25
 No. 7A. ROBIN ROOST. A sheltered lure for the robin's home. Optional fastenings for side of tree or hanging \$2.00
 No. 7B. ROBIN ROOST. Same as above but larger.....\$3.50
 No. 8. WREN. A popular and substantial home which can be opened for cleaningPrice \$1.75
 No. 9. WREN. A practical home which can be opened for cleaningPrice \$1.00

CAT FOODS, REMEDIES AND SUPPLIES

- Tonic and Condition Tablets (Spratt's). Per pkg.50c
 Digestive Tablets (Spratt's). Per pkg.50c
 Diarrhoea Tablets (Spratt's). Per pkg.50c
 Distemper Tablets (Spratt's). Per pkg.75c
 Worm Capsules (Spratt's). Per pkg.50c
 Worm Capsules (Spratt's) (for kittens). Per pkg.50c
 Catnip Leaves and Tops (Spratt's). Pkg. 15c; postpaid 20c
 Catnip "Mice" for cats and kittens.....Each 15c; 2 for 25c
 Cat Collars. Plain 50c; round imported 75c; round imported studded \$1.00.

THE DOG'S DEPARTMENT



You will find that our Dog and Cat Supply department is one of the most complete on the West Coast. A complete line of American manufactured goods as well as many items imported direct from dog tailors in England are kept in stock.

Collars of all sizes, shapes and descriptions, blankets in plain and fancy colors; rain slickers which at present are so popular in New York—even dog shoes imported direct from England, very useful in protecting a dog's injured feet; all leading brands of dog foods and kennel supplies.

IN ORDERING state breed of dog; for collars the neck measure; for blankets, etc., state neck measure, girth behind fore legs and body and distance from collar to tail. We will be glad to quote on any items not listed in this section—ask us!

K O DOG FOODS

A complete balanced ration for all breeds of dogs. Made in Portland and a fresh supply is kept on hand at all times; will not mold or get wormy. Used exclusively by many of the largest kennels in the country.

K O DOG CAKES. (Whole).

1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.50; 25 to 100 lbs. 12c lb.

K O PUPPY CAKES. Especially prepared for puppies and small dogs. Contains cod liver oil, which helps to make them strong and hardy.

1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.50; 25 to 100 lbs. 12c lb.

K O DOG CAKES. (Ground coarse).

1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.50; 25 to 100 lbs. 13½c lb.

K O DOG AND PUPPY CAKES MIXED. Ground to the size of small nuts. For use in feeding toy dogs and puppies.

1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.50; 25 to 100 lbs. 13½c lb.

SPRATT'S DOG FOODS, ETC.

Spratt's Dog Cakes are a perfectly balanced meat ration and vegetable compound; will not spoil. Recommended the world over as a complete food for dogs.

DOG CAKES. (Whole). 2 lb. cartons

40c; in bulk, 5 lbs. 75c; 10 lbs.

\$1.50; 25 to 100 lbs. 12c per lb.

DOG CAKES. (Kibble). Cut to small nut size.

5 lbs. 75c; 10 lbs. \$1.50; 25 to 100 lbs. 13½c per lb.

FIBO. For puppies and growing dogs, also recommended for dogs recovering from sickness or as a change at any time. Small nut size.

1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.50; 25 to 100 lbs. 13½c lb.

SPRATT'S PUPPY FOODS

A perfectly balanced food for puppies of all breeds. Puppies should be started on these biscuits when about a month old and continued until their teeth become strong and sound.

PUPPY CAKES.

1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.50; 25 to 100 lbs. 12c lb.

OVAL PUPPY CAKES. Very popular fine size for puppies and small dogs.

1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.50; 25 to 100 lbs. 12½c lb.

CHARCOAL OVALS. Same as above, with charcoal added. Makes an excellent aid to digestion.

1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.50; 25 to 100 lbs. 12½c lb.

BONE MEAL. For puppies. A strong frame builder.

3 lb. tin cans 50c; postpaid 60c

ORPHAN PUPPY FOOD. Per can 60c; postpaid 70c

PUPPILAC. A perfect substitute for milk. Per can 50c; postpaid 60c

PEPSINATED PUPPY MEAL. Especially recommended for delicate puppies. Can 35c; postpaid 45c

CANNED FOODS FOR DOGS AND PUPPIES

CALO DOG FOOD. Consists of meat, oils and vegetables. Thoroughly cooked food ready for use. Promotes health and vigor. Equally good for dogs and cats.

1 lb. can 15c; per case (48 cans) \$6.50

KEN-L-RATION. Perfectly balanced ration for all dogs. Can be heated and mixed with Fibo if desired.

1 lb. can 20c; 3 cans 50c; per case (48 cans) \$6.75

PUP-E-RATION. Perfect ration for puppies.

1 lb. can 25c; per case (48 cans) \$7.75

VITAMONT. The only government inspected dog food. Fit for human food. A highly concentrated balanced ration ready to serve. For dogs, cats, foxes and carnivorous animals....1 lb. can 15c; 7 cans \$1.00; case (48 cans) \$6.00



SPRATT'S REMEDIES AND MEDICINES

ALTERNATIVE COOLING TABLETS. For heated blood.

To be used in treating dogs for mange and other skin diseases. Pkg. 50c; postpaid 55c

SPRATT'S ANTISEPTIC DRY CLEANING POWDER.

Especially good to use in preparing dogs for show.

4 oz. can 35c; postpaid 40c

ANTISEPTIC SOAP. (Black). Fine for cuts, wounds, ulcers, etc. An antiseptic and also a germicide.

Per cake 25c; postpaid 30c

CASTRIQUE. For worms. Can be given to puppies a month old, bitches in whelp at any period, or to the weakest dog with perfect safety. Each 75c; postpaid 80c

CHOREA TABLETS. Pkg. 50c; postpaid 55c

CONSTIPATION TABLETS. Pkg. 50c; postpaid 55c

DIGESTIVE TABLETS. For severe cases of indigestion.

Pkg. 50c; postpaid 55c

DIARRHOEA TABLETS. Pkg. 50c; postpaid 55c

DISTEMPER TABLETS. For toy dogs and puppies.

Pkg. 75c; postpaid 80c

DOG SOAP. (White). Kills lice and fleas, prevents skin diseases and leaves the coat smooth and glossy. Contains no tar and is nicely perfumed. Cake 25c; postpaid 30c

EAR CANKER OINTMENT. Each 50c; postpaid 55c

EYE LOTION. (Tablet form). Each 50c; postpaid 55c

ECZEMA REMEDY. Each 50c; postpaid 55c

FLEA POWDER. Each 25c; postpaid 30c

LOCURIUM OINTMENT. For wounds, cuts and bruises.

Each 50c; postpaid 55c

TONIC AND CONDITION TABLETS. For toy dogs and puppies. Pkg. 50c; postpaid 55c

WORM CAPSULES. Remedy for round maw tape worms.

Pkg. 50c; postpaid 55c

WORM CAPSULES FOR PUPPIES. May be given with perfect safety. Pkg. 50c; postpaid 55c

MANGE REMEDY. Pints 75c; postpaid 90c

SPRATT'S BOOK ON DOG CULTURE. Contains valuable information on care, management, breeds, rearing and feeding. Also tells about Spratt's food, remedies and supplies. Free on request.

DR. CLAYTON'S DOG REMEDIES

Widely advertised and known all over the United States and Canada. Send for Dr. Clayton's "Treatise on the Dog," which contains valuable information, and no dog owner should be without it. Free on request.

DISTEMPERINE. Liquid. (For distemper).

Each 60c; postpaid 65c

DISTEMPERINE. Tablets. (For distemper).

Pkg. 60c; postpaid 65c

CONDITION PILLS WITH PEPSIN. A very reliable remedy for run-down condition of the system. Especially valuable in distemper. Pkg. 60c; postpaid 65c

BLOOD PURIFYING AND COOLING PILLS. For relief of eczema and all skin diseases. Pkg. 60c; postpaid 65c

DIGESTIVE TABLETS. To aid digestion.

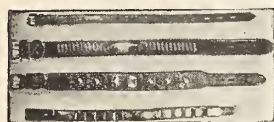
Pkg. 60c; postpaid 65c

CAT WORM TABLETS. Pkg. 60c; postpaid 65c

CAT VERMIFUGE. (Liquid). Worm expeller for very young kittens. Each 60c; postpaid 65c

THE DOG'S DEPARTMENT (Continued)

DOG COLLARS



This department offers a wide selection of dog collars in all sizes—both in domestic and imported makes. A vast assortment of designs to select from—only a portion of which are listed here.

PLAIN COLLARS. 10 to 12 inches long.....Each 50c
FANCY STUDDED. Brass studs and name plate; 10 to 12 inches longEach \$1.00

ROUND ENGLISH COLLARS—

Plain. 10 to 12 inchesEach 75c
Plain. 12 to 14 inchesEach 75c
Brass Studded. 12 to 14 inches.....Each \$1.00

IMPORTED ENGLISH ROUND COLLARS—

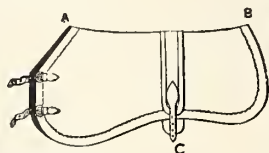
Plain, 10 to 12 inches long.....Each \$1.00
Brass Studded. ImportedEach \$1.25
Plain styles. 12 to 18 inchesEach \$1.25
Fancy Brass Studded. 12 to 18 inchesEach \$1.50
Nickle Plated Studded. 12 to 18 inches.....\$1.75 and \$2.00
Colored Leather. Extra fancy studded. Sizes 12 to 18 inchesEach \$2.50
Nickle Plated Studded. Felt lined with name plate and fancy clasp. Sizes 10 to 12 inchesEach \$1.35
Red Enameled Leather. Half inch wide; same size.....75c

CHAIN CHOKE COLLARS.....\$1.00; postpaid \$1.10

CHAIN CHOKE COLLARS. With name plate. \$1.25; postpaid \$1.35

DOG CLOTHING

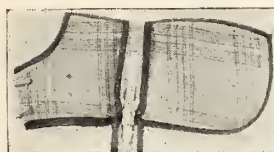
Customers, when ordering coats, should give the measurement from A to B, girth around the body strap at C and around the neck at A, and specify what color of cloth and binding is desired.



DOG BLANKETS

No. 14-G Dog Coat pictured at left is of all wool plaid in brown and tan, trimmed in gray silk binding.....Price \$2.50

All wool blankets, in all of the latest colors, red, green and gray. 12 inch \$2.00; 14 inch \$2.25; 16 in. \$2.50; 18 in. \$3.00



DOG SWEATERS

EXTRA HEAVY SPORT SWEATERS.. In colors, red trimmed with green and green trimmed with red.

12 inch \$2.25; 14 inch \$2.50; 16 inch \$2.75; 18 inch \$3.00
COMMON KNIT SWEATERS.

12 inch \$2.00; 14 inch \$2.25; 16 inch \$2.50; 18 inch \$2.75

BRUSHED WOOL SWEATERS. Made in New York. Have three buttons on under side making it easy to put on and take off; very warm and guaranteed pure wool.

12 inch \$3.00; 14 inch \$3.50; 16 inch \$3.75

DOG RAINCOATS

In this section we have so much rain that dogs are considerably troubled with eczema and skin diseases caused by the coat of the long-haired dogs getting wet, which chaps and irritates the skin. This can be overcome by having a rubber raincoat which you can slip on your dog very easily, like a blanket, when the dog is going out in the rain.

14 inch \$2.00; 16-17 inch \$2.25; 18-20 inch \$2.50

DOG BRUSHES

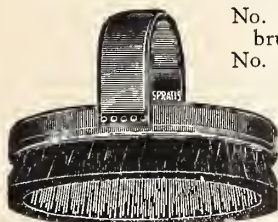
No. 0. Imported small black bristle brushEach 75c

No. 62. Hair and Wire brush. Each 85c

Wire and bristle brush for long haired dogsEach \$2.00

Wire and bristle brush; especially made for Boston Bulls.....\$1.45

Whisk brushes. No. 208. 6 in. longEach 75c



DOG SHOES

DOG SHOES. Imported dog boots.

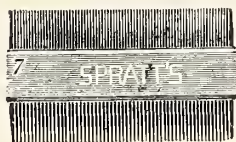
Per set of 4, \$6.00; per set of 2, \$4.00

DOG COMBS

Suitable for terriers, spaniels, etc.

Strongly made of aluminum. Four

inches long. No. 4, coarse; No. 5, medium, No. 6, fine.....Each \$1.75



ALUMINUM NIT COMBS. Double row fine teeth (see illustration), except that ends are slightly curved. Exceptionally suitable for cats. 3 inches longEach 45c

DOG RAKES

DOG COMB OR RAKE. Im-

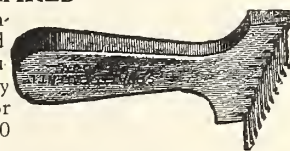
ported from London, England

Like cut except that it has dou-

ble rows of teeth. Especially

suitable for French Poodles or

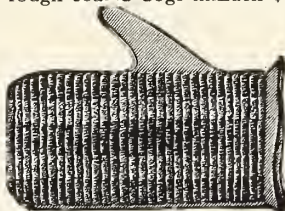
rough coated dogsEach \$1.50



DOG GLOVES

DOG GLOVES. Unrivalled for producing a healthy, sleek and glossy surface on the coats of all smooth coated dogs.

\$1.65; postpaid \$1.70



DOG HARNESS

FOR SMALL DOGS.

PlainEach \$.75

Fancy Studded and Felt

linedEach \$1.50

StuddedEach \$1.00

Extra fancy, heavy studded.

Each \$2.50

FOR MEDIUM SIZE DOGS

PlainEach \$1.00

Fancy Studded and Felt

linedEach \$1.75

StuddedEach \$1.25

Extra fancy studded and

felt linedEach \$2.75

FOR LARGE DOGS

PlainEach \$1.25

Fancy studded and felt

linedEach \$1.75

StuddedEach \$1.50

Extra fancy heavily studded.

Each \$3.00

EXTRA HEAVY HARNESSES FOR POLICE DOGS, GREAT DANES, ETC.

Black leather, brass studdedEach \$3.00

Imported, extra heavy roundEach \$5.00

Heavy brass trimmedEach \$9.00

DOG LEADS

Natural color leather leads. No.

3122. 1/2 inchEach 25c

Police dog heavy leads with

French patent snap.....Each \$2.50

Imported leads with French snapsEach \$2.50

Imported braided leads, No. 575, French snaps.....Each \$2.50

Imported spring check leads, 3/4 inches wide.....Each \$2.35

Braided lead No. 549; fancy leads for small dogs, having

snap and hand holdsEach 75c

Imported red enameled leather leads, 3/8 inches wide.....\$1.25

12 inch collar to match50c

DOG CHAINS. Light weight 4 foot dog chains.....45c

DOG CHAIN CHOKES. Extra heavy, for use with police

dogs, Great Danes, etc.\$1.00

DOG WHIPS. Imported, braided with French snap.....\$2.00

Braided whip with snap, can be used for lead.....60c



DOG MUZZLES

LEATHER DOG MUZZLES

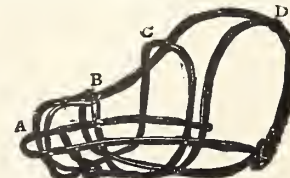
for every size and breed of

dog. When ordering, state

muzzle measurements and

breed of your dog. Prices

on request.

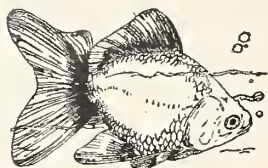


GOLDFISH and AQUARIUM SUPPLIES

An aquarium is an interesting addition to the interior of any home. Gold fish require but little care, simply necessitating change of water every day or two and feeding once a day. Aquariums should be kept in a cool place, out of direct sunlight. The American gold fish are very hardy and lively, but not as ornamental as the Fantailed and other Japanese and Chinese fishes.

GOLD FISH

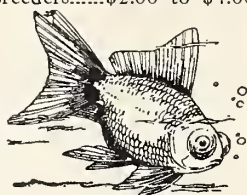
Fish are sent by Express only. A charge of 35c is made to cover cost of shipping bucket.



Japanese Fantail

CHINESE TELESCOPE

All the wierd features of Chinese art are suggested in this very curious fish, distinguished by protruding eyes aptly described by the name. Black or mixed black and gold.....Small 50c; large \$1.00



Chinese Telescope



Comet

COMET

COMETS. Very hardy, extra large fins, long tail; very decorative and attractive as a pond or fountain fish as well as for aquariums. 35c, 50c, 75c, \$1.00

NYMPHAEA. Head and body Fantail, but has only single short tailEach 35c, 50c
TADPOLES in aquariums aid in purifying the water and sand by consuming decomposing matter.....Each 15c
FINGER FISH. A very ornamental scavenger. Keeps water and sand pure. Small sizeEach 15c
Large sizeEach 25c
TURTLES. A novelty for the large aquarium.....Each 35c

GOLD FISH FOODS

ANT EGGS. (Spratt's). Selected and prepared with the greatest care1½ oz. box 25c
DRIED ANT EGGS. (Kaempfer's). For feeding gold fish, insect-eating birds, turtles, lizards and all kinds of aquarium fish. ¾ oz. boxEach 25c
AQUARIUM FISH FOOD. (Spratt's). Packed in ¾ oz. tinsEach 15c
DAPHNIA FISH FOOD. (Max Geisler's). 100 per cent natural, consisting only of pure dried water insects, the natural food for all kinds of aquarium fish and one of the most beneficial. ¾ oz. boxEach 15c
HEALTH DIP FOR GOLD FISH. A preparation for the conditioning of Gold Fish suffering from Fungus, Tailrot, Parasites, and Overfeeding25c
RICE FISH FOOD. (Spratt's). A pure rich food for fish made in convenient sheet formBox 10c
ZEKE TURTLE FOOD. (Spratt's). Dried Tropical Flies. For turtles, river fish and gold fish.....1½ oz. pkg. 20c

BOOK ON GOLD FISH

AQUARIA. A treatise on the food, breeding and care of Goldfish 25c

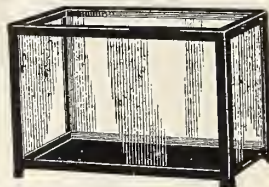
AQUARIUM PLANTS

Natural decorative plants, valuable for supplying oxygen to the fish. Grow well directly in the water. Excellent food for the fish and at the same time very ornamental.

COONTAILBunch 25c
ANACHARIS. FineBunch 25c
ANACHARIS. CoarseBunch 25c
LUDWIGIABunch 25c
WATER HYACINTHBunch 25c

SQUARE AQUARIUMS

SQUARE AQUARIUMS. Are very attractive and show your fish to the best possible advantage. Small size \$2.25; medium \$4.50; large \$5.50.



ORNAMENTAL AQUARIUMS

AQUARIA STAND AND GLOBE No. S14, Style H Bowl. Standard finished in black and gold with green and red decorations. Bowl 3 gallon, blown glass, colors canary or green. Complete\$8.50
AQUARIA STAND AND GLOBE No. S12, Style B Bowl. Finished green or black with gold decorations. Bowl 2 gallon, colors blue, canary or clear glass. Complete.....\$4.75
AQUARIA STAND AND GLOBE No. S25. Standard finished in black and gold with green and red decorations. Square clear glass aquarium, 10x17x10. Complete.....\$24.50

AQUARIUM CASTLES

GROTTOES. For decorating the aquarium.
Small size, in natural colors25c
Large castle, 10 x 6 inches\$1.00
CEMENT. For repairing aquariums.....Large box 25c

MOULDED GLOBES

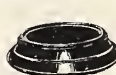


SQUAT-SHAPED MOLDED GLOBES. A new popular style which is flatter and wider than the ordinary fish bowls, and not so easily tipped over. ½ gallon 50c; gallon 75c; 2-gallon \$1.50. Two-gallon green, blue or amber color \$2.00; Egyptian style with black base, 2-gallon size.....\$2.50

STYLE E GLOBE. 2½ gallon. In colors green and canary. Each\$1.50
STYLE C GLOBE. 2 gallon. Plain glass, red edge.....\$2.00

BLACK GLASS BASE

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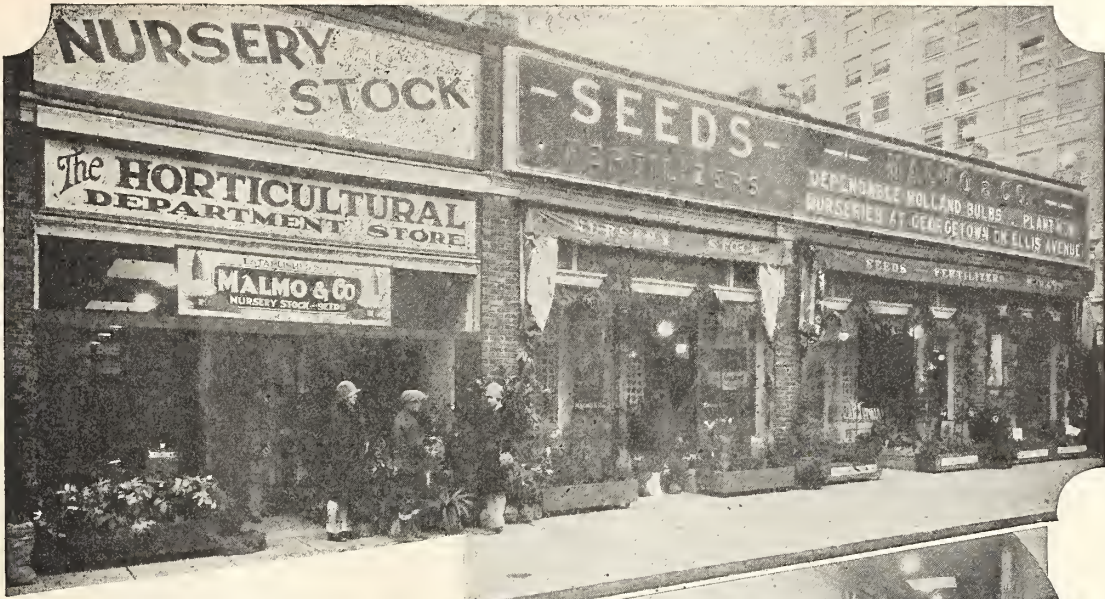
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NAME	PAGE	NAME	PAGE	NAME	PAGE	NAME	PAGE	NAME	PAGE
A		Chinese Forget-Me-Not. See Cynoglossum Amabile	24	Globe Flower. See Trollius	40	Mesembryanthemum	32	Scabiosa	39
Abronia	16	Chinese Lantern. See Physalis Franchetti	37	Globe Thistle. See Echinops	26	Mexican Fire Bush. See Koehia	30	Scarlet Flax. See Linum	31
Aconitum	16	Chinese Wool Flower. See Celosia Childsii	22	Godetia	27	Michaelmas Daisy. See Aster (Per.)	16	Scarlet Runner. See Beans in Vegetable Section	48
Acroclonium	17	Chrysanthemum	23	Golden Feather. See Pyrethrum	38	Mignonette	33	Scarlet Sage. See Salvia	38
Adlumia	17	Cineraria	23	Golden Rod	27	Mimosa Pudica	33	Schizanthus	39
Adonis	17	Cinquefoil. See Potentilla	38	Gomphrena	28	Mimulus	33	Sea Pink. See Armeria	19
African Daisy. See Arctotis	18	Clarkia	23	Gourds	28	Mirabilis	33	Sea Lavender. See Statice	39
African Golden Daisy. See Dimorphotheca	26	Clematis	23	Gypsophila	28	Monkey Flower. See Mimulus	33	Sea Holly. See Eryngium	26
Ageratum	17	Cleome	23					Sedum	39
Agrostemma	17	Clove Pink. See Dianthus	25	H		Monk's Hood. See Aconitum	33	Sensitive Plant. See Mimosa	33
Althea. See Hollyhock	29	Coat Flower. See Tunica	41	Hare Bell. See Campanula	21	Moonflower. See Ipomoea	16	Shasta Daisy. See Chrysanthemum	23
Allegheny Vine. See Adlumia	17	Cobaea	23	Heartsease. See Pansy	35	Grandiflora	30	Sidalcea	39
Alpine Bell Flower. See Campanula	21	Cockscomb. See Celosia	22	Helenium	28	Moonepenny Daisy. See Chrysanthemum	23	Silene	39
Alyssum	17	Cristata	22	Hedysarum	28	Morning Glory. See Convolvulus	24	Silver Dollar Plant. See Lunaria	39
Amaranthus	17	Coleus	22	Helianthemum	28	Mountain Fringe. See Adlumia	17	Smilax	39
Ampelopsis Veitchii	17	Columbine. See Aquilegia	18	Helianthus	28	Mourning Bride. See Scabiosa	39	Snapdragon. See Antirrhinum	18
Amethyst. See Browallia	20	Convolvulus	29	Helichrysum	29	Mullein. See Verhascum	41	Sneezewort. See Helenium	28
Anagallis	17	Coral Bells. See Heuchera	29	Heliopsis	29	Mullein Pink. See Agrostemma	17	Snow-In-Summer. See Cerastium	23
Anchusa Italica	17	Cornopsis	24	Heliotrope	29	Musk Plant. See Mimulus	33	Snow-on-The-Mountain. See Euphorbia	27
Anemone	17	Cosmos	24	Hesperis. See Sweet Rocket	40	Moschatus	33	Soapwort. See Saponaria	38
Anthemis	18	Crosswort. See Crucinella	24	Heuchera Sanguinea	29	Myosotis	33	Speedwell. See Veronica	41
Antirrhinum	18	Stylosa	24	Hibiscus	29			Spider Plant. See Cleome	23
Aquilegia	18	Crucinella Stylosa	24	Hollyhock	29			Squirrel Tail Grass. See Ornamental Grasses	34
Arctotis Grandis	18	Cup and Saucer Vine. See Cobaea	23	Honesty. See Lunaria	31	N		Static Sinuata	39
Aristolochia	18	Cynoglossum Amabile	24	Honeysuckle. See Hedy-sarum	28	Nasturtium	34	Stipa Pennata. See Ornamental Grasses	34
Armeria	19	Cypress Vine	24	Hordeum Jubatum. See Ornamental Grasses	34	Nemesia	34	Stock	40
Asparagus	19			Hunemannia	29	Nemophila	34	Stokesia	40
Aster	15-16	D		Hyacinth Bean. See Dolichos	26	Nepeta	34	Stocks, Evening Scented. See Matthiola	32
Aubrietia	16	Dahlia	25			Nicotiana	34	Stoncrop. See Sedum	39
Auricula. See Primula	37	Daisy. See Aster, Brachycome, Chrysanthemum, Dimorphotheca, Arctotis	15-16-18-20-23-25	I		Nigella	34	Straw Flower. See Helichrysum, and Everlasting Flowers	6-7-29
B		Daisy, Double. See Bellis Perennis	19	Iberis. See Candytuft	21	O		Sunflower. See Helianthemum	28
Baby's Breath. See Gypsophila	28	Daisy, Shasta. See Chrysanthemum Leucanthemum	23	Ice Plant. See Mesembryanthemum	32	Oenothera	34	Swan River Daisy. See Brachycome	20
Bachelor's Button. See Centaurea Cyanus	22	Delphinium	23	Incarvillea Delavayi	29	Ornamental Grass	34	Swan River Everlasting. See Rhodanth	38
Balloon Vine	19	Devil in a Bush. See Nigella	34	Indian Pink. See Dianthus	25	P		Sweet Peas	12-13-14
Balsam	19	Diamond Flower. See Ionopsisidum	30	Indian Shot. See Cannaria	21	Painted Daisy. See Pyrethrum	38	Sweet Pea Perennial. See Lathyrus Latifolius	30
Bartonia	19	Doan's Flower. See Nigella	34	Ionopsisidum	30	Pansy	35	Sweet Rocket	40
Basket Flower. See Centaurea Americana	22	Dusty Miller. See Centaurea	22	Ipomoea	30	Pansy, Tufted. See Viola	35	Sweet Willow. See Centaurea Imperialis	22
Beard Tongue. See Pentstemon	35	Echinops	26	Japan Ivy. See Ampelopsis	17	Pasque Flower. See Anemone	17	Sweet William	40
Beet Ornamental	19	Erinus Alpinus	26	Kenilworth Ivy. See Linnaria	31	Peach Bells. See Campanula	21		
Begonia	19	Eryngium	26	Kochia	30	Pentstemon	35	T	
Bellis Perennis	19	Eschscholtzia	26	Kudzu Vine. See Pueraria	38	Periwinkle. See Vinca	41	Tagetes. See Marigold	32
Betonica	19	Eschscholtzia Bush. See Hunemannia	29			Petunia	36	Tassel Flower. See Cacalia	20
Bignonia	19	Euphorbia	27	Lady's Slipper. See Balsam	19	Phacelia Campanularia</			

BULBS, ROOTS AND PLANTS

NAME	PAGE	NAME	PAGE	NAME	PAGE	NAME	PAGE
Bedding Plants	74-75	Dahlias	68-69	House Plants	75	Lilies	70
Calla Lillies	70	Gladiolus	71	Lily of the Valley.....	70	Montbretia	70
Canna	67					Tigridia	70
						Vegetable Plants	64

VEGETABLE SEEDS, PLANTS AND ROOTS

NAME	PAGE	NAME	PAGE	NAME	PAGE	NAME	PAGE
A		C		F		O	
Anise. See Herbs.....	63	Celery Plants	64	Fennel Sweet. See Herbs	63	Melon, Water	56
Artichoke	47	Chervil	52	Fetticus. See Corn Salad..	52	Mint Roots	64
Artichoke Roots	64	Chicory	53	Field Salad. See Corn		Mushroom Spawn	64
Asparagus	47	Chives	52	Salad	52	Mustard	56
Asparagus Roots	64	Chives Roots	64				
		Christmas Salad. See		G		P	
		Chicory	53	Gumbo. See Okra.....	56	Okra	56
B		Collards	53	H		Onion	57
Basil	63	Corn	53	Herbs	63	Onion Sets	64
Beans	48	Corn Salad	52	Horseradish Roots.....	64	Oyster Plant. See Salsify	60
Beets	49	Cress	53				
Borage. See Herbs.....	63	Cucumber	54	K		Parsley	56
Broccoli	47			Kale or Borecole.....	54	Parsnip	56
Brussels Sprouts	47	D		Kohl Rabi	54	Peas	58
		Dill. See Herbs.....	63			Pepper	56
C				L		Pepper Grass. See Cress..	53
Cabbage	49-50	E		Lambs Lettuce. See Corn		Pop Corn	53
Cabbage Plants	64	Egg Plant	54	Salad	52	Potatoes	65
Caraway. See Herbs.....	63	Endive	54	Lavender. See Herbs.....	63		
Carrots	51	Endive, Belgian. See Chic-		Leek	56	R	
Catnip. See Herbs.....	63	ory	53	Lettuce	55	Radishes	59
Cauliflower	52	Endive, French. See Chic-				Rhubarb	60
Cauliflower Plants	64	ory	53	M		Rhubarb Roots	64
Celeriac	52	Escarolle. See Endive.....	54	Marjoram. See Herbs.....	63	Rosemary. See Herbs.....	63
Celery	52			Melon, Musk	56	Rue. See Herbs.....	63

LAWN AND GOLF GRASS SEEDS

NAME	PAGE	NAME	PAGE	NAME	PAGE	NAME	PAGE
Agrostis Varieties	9	Bent Grass Mixture.....	8	Fescue, Hard	9	Lolium Varieties	9
Bent, Cocos	9	Blue Grass, Canada.....	9	Fescue, Red or Creeping..	9	Poa Varieties	9
Bent, Creeping	9	Blue Grass, Kentucky.....	9	Fescue, Sheep's	9	Putting Green Mixture...	9
Bent, Colonial	9	Dogstail, Crested	9	Golf Links for Fairways..	9	Red Top	9
Bent, Rhode Island.....	9	Evergreen Mixture	8	Lawn Grass Mixtures.....	8	Rough Stalked Meadow	
Bent, Seaside	9	Fescue, Chewings	9	Lawn Making	10	Grass	9

FARM SEEDS

NAME	PAGE	NAME	PAGE	NAME	PAGE	NAME	PAGE
Alfalfa	66	Carrot, White	66	Kale	66	Red Top	66
Alsike Clover	66	Clover Varieties	66	Mangel Wurzel	66	Red Canary Grass.....	66
Barley	66	Corn Flint Varieties.....	66	Oats	66	Ruta Baga	66
Bokhara Clover White....	66	Corn Dent Varieties.....	66	Orchard Grass	66	Rye	66
Bokhara Clover Yellow....	66	Corn Ensilage	66	Peas	66	Rye Grass, English.....	66
Blue Grass, Canada.....	66	Dogstail, Crested	66	Phalaris Arundinacea....	66	Rye Grass, Italian.....	66
Blue Grass, Kentucky.....	66	Fescue, Sheep's	66	Rape	66	Rye Grass, Perennial....	66
Carrot, Yellow	66	Fescue, Meadow	66	Red Clover	66		

PET STOCK DEPARTMENT

NAME	PAGE	NAME	PAGE	NAME	PAGE	NAME	PAGE
Aquarium Supplies	94	Bird Seeds and Supplies..	90	Dog Department	92-93	Food, Cat	91
Bird Department	90-91	Cat Department	91	Fishes	94	Food, Dog	92
						Poultry Supplies	94

IMPLEMENTS, TOOLS, FERTILIZERS, INSECTIDIES, BOOKS

NAME	PAGE	NAME	PAGE	NAME	PAGE	NAME	PAGE
A		F		I		N	
Acme Sprays	79	Fertilizers	76-77	Insecticides	78-79	Nicofume	78
Adco	77	Flower Gathering Shears..	85			Nozzle	84
Antrol	78	Forks	86	K			
		Fungicides	78-79	Knives, Budding	85	P	
B				Knives, Pruning	85	Peat Moss	76
Bamboo Rake	86	G				Pestroy	78
Baskets, Hanging	89	Garden Hose	84	L		Pots, Clay	89
Bird Baths	89	Garden Pottery	89	Labels, Field, Plant, Tree..	89	Pots, Waterproof Paper..	89
Bird Houses	91	Garden Tool Set.....	86	Lawn Edgers	83	Pottery, Garden	89
Black Leaf 40.....	78	Glazing Points.....	89	Lawn Mowers	83	Pruners, Tree	85
Books	72-73	Go-West	78	Lawn Rakes	86		
Border Cutters	83	Grafting Wax	78	Lawn Rollers	83	R	
		Grass Catchers	83	Lawn Shears	85	Rake, Jap Bamboo.....	86
C		Grass Edger	83			Rakes, Garden and Lawn..	86
Catchers, Grass	83	Grass Hooks	87	M		Raphia	89
Cultivators	86	Grass Shears	87	Magotite	78	Rollers, Hand Power....	83
Cultivators, Planet Jr....	88			Mowers, Lawn	83		
Cynogas	78	H				S	
		Hellebore	78			Saws, Pruning	85
D		Hoes, Hand	86			Seeder, Planet Jr.....	88
Dandelion Puller.....	87	Hooks	87			Semesan	44, 80
Digging Forks	86	Hose Clamps	84			Shears, Hedge	85
Dustcote	44, 80	Hose Coupler	84			Shears, Lawn, Etc.....	85, 87
		Hose, Garden	87			Shears, Lopping	85
E		Hose Holder	84			Shovels	86
Edging Tools	87	Hose Menders	84			Slug-Shot	78
Evergreen	44, 80						

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